

# PPR Series

|                                                                                     |                            |                                                                    |                |
|-------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------|----------------|
|  | Tread & tyre hardness      | <div><div></div><div></div><div></div><div></div><div></div></div> | 80°±5° Shore A |
|  | Temperature resistance     | <div><div></div><div></div><div></div><div></div><div></div></div> | -20°C to +60°C |
|  | Rolling resistance         | <div><div></div><div></div><div></div><div></div><div></div></div> | good           |
|  | Operating noise            | <div><div></div><div></div><div></div><div></div><div></div></div> | good           |
|  | Floor surface preservation | <div><div></div><div></div><div></div><div></div><div></div></div> | excellent      |



## Tread

Made of high-quality thermoplastic rubber (TPR). Resolute wheels offer good floor preservation, easy to maneuver, low noise operation, shock-absorbing, low rolling resistance, and good resistant to chemical, solvent and many other aggressive substances. Wheel color: grey  
 Hardness: 80°±5° Shore A  
 The chemical bond with the wheel center/rim cannot be decomposed.

## Wheel centre/rim

Made of High-quality impact-resistant polypropylene

## Other features

- Quiet rolling, shock-absorbing, low rolling resistance, maintenance-free under normal conditions.
- Working temperature: -20°C to +60°C.

## Light duty

|  Item No |  Wheel Diameter (D) [mm] |  Wheel Width (T2) [mm] |  Load Capacity [kg(lbs)] |  Axle Bore Ø(d) [mm] |  Hub Length (T1) [mm] |  Tread Profile |  Bearing Type |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 12022652105173                                                                            | 2-1/2"(62.5mm)                                                                                            | 1-1/16"(23.5mm)                                                                                         | 30kgs / 65lbs                                                                                             | 6                                                                                                      | 33                                                                                                       | Round                                                                                             | Ball bearing                                                                                     |
| 12022603105174                                                                            | 3"(75mm)                                                                                                  | 1-1/16"(24mm)                                                                                           | 40kgs / 90lbs                                                                                             | 6                                                                                                      | 33                                                                                                       |                                                                                                   |                                                                                                  |
| 12022604105172                                                                            | 4"(100mm)                                                                                                 | 1-1/16"(24mm)                                                                                           | 50kgs / 110lbs                                                                                            | 8                                                                                                      | 33                                                                                                       |                                                                                                   |                                                                                                  |
| 12022605105172                                                                            | 5"(125mm)                                                                                                 | 1-1/16"(24.5mm)                                                                                         | 70kgs / 155lbs                                                                                            | 8                                                                                                      | 33                                                                                                       |                                                                                                   |                                                                                                  |

## Light-medium duty

|  Item No |  Wheel Diameter (D) [mm] |  Wheel Width (T2) [mm] |  Load Capacity [kg(lbs)] |  Axle Bore Ø(d) [mm] |  Hub Length (T1) [mm] |  Tread Profile |  Bearing Type |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 12022603103173                                                                            | 3"(75mm)                                                                                                  | 1-1/16"(27mm)                                                                                           | 50kgs / 110lbs                                                                                            | 6                                                                                                      | 33                                                                                                       | Round                                                                                             | Ball bearing                                                                                     |
| 12022603133673                                                                            | 3"(75mm)                                                                                                  | 1-1/4"(31mm)                                                                                            | 70kgs / 155lbs                                                                                            | 10                                                                                                     | 41                                                                                                       |                                                                                                   |                                                                                                  |
| 12022604133173                                                                            | 4"(100mm)                                                                                                 | 1-1/4"(31mm)                                                                                            | 80kgs / 175lbs                                                                                            | 10                                                                                                     | 41                                                                                                       |                                                                                                   |                                                                                                  |
| 12022605133173                                                                            | 5"(125mm)                                                                                                 | 1-1/4"(31mm)                                                                                            | 100kgs / 220lbs                                                                                           | 10                                                                                                     | 41                                                                                                       |                                                                                                   |                                                                                                  |
| 12022606133173                                                                            | 6"(150mm)                                                                                                 | 1-1/4"(31mm)                                                                                            | 110kgs / 245lbs                                                                                           | 10                                                                                                     | 41                                                                                                       |                                                                                                   |                                                                                                  |

## Heavy duty

|  Item No |  Wheel Diameter (D) [mm] |  Wheel Width (T2) [mm] |  Load Capacity [kg(lbs)] |  Axle Bore Ø(d) [mm] |  Hub Length (T1) [mm] |  Tread Profile |  Bearing Type |  |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--|
| 12022604208177                                                                              | 4"(100mm)                                                                                                   | 2"(50mm)                                                                                                  | 100kgs / 220lbs                                                                                             | 13                                                                                                       | 62                                                                                                         | Round                                                                                               | Annular ball bearing                                                                               |  |
| 12022605208177                                                                              | 5"(125mm)                                                                                                   | 2"(50mm)                                                                                                  | 140kgs / 310lbs                                                                                             | 13                                                                                                       | 62                                                                                                         |                                                                                                     |                                                                                                    |  |
| 12022606208177                                                                              | 6"(150mm)                                                                                                   | 2"(50mm)                                                                                                  | 160kgs / 350lbs                                                                                             | 13                                                                                                       | 62                                                                                                         |                                                                                                     |                                                                                                    |  |
| 12022608208177                                                                              | 8"(200mm)                                                                                                   | 2"(50mm)                                                                                                  | 160kgs / 350lbs                                                                                             | 13                                                                                                       | 62                                                                                                         |                                                                                                     |                                                                                                    |  |
| 12022604201177                                                                              | 4"(100mm)                                                                                                   | 2"(50mm)                                                                                                  | 130kgs / 285lbs                                                                                             | 13                                                                                                       | 62                                                                                                         | Flat                                                                                                |                                                                                                    |  |
| 12022605201177                                                                              | 5"(125mm)                                                                                                   | 2"(50mm)                                                                                                  | 160kgs / 350lbs                                                                                             | 13                                                                                                       | 62                                                                                                         |                                                                                                     |                                                                                                    |  |
| 12022606201177                                                                              | 6"(150mm)                                                                                                   | 2"(50mm)                                                                                                  | 250kgs / 550lbs                                                                                             | 13                                                                                                       | 62                                                                                                         |                                                                                                     |                                                                                                    |  |
| 12022608201177                                                                              | 8"(200mm)                                                                                                   | 2"(50mm)                                                                                                  | 280kgs / 620lbs                                                                                             | 13                                                                                                       | 62                                                                                                         |                                                                                                     |                                                                                                    |  |