

HB 2552 FC**Product Specification**

Polypropylene, Homopolymer

**Product Description**

HB 2552 FC is a polypropylene homopolymer suitable for extrusion applications. HB 2552 FC is formulated with an anti-gasfading stabilisation package. HB 2552 FC is used for the production of (bulk) continuous filaments and fine denier staple fibres. Typical applications is carpets.

Product Characteristics

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|-------------------|--|
| Application | Bulk Continuous Filament, Continuous Filament, Filament Yarn |
| Processing Method | Continuous Filament/Spinning, Fibers, Staple Fiber |
| Market | Textile |
| Features | Gas-fading Resistant, High Flow, Homopolymer |

| Typical Properties | Value | | Units | Test Method |
|-------------------------------------|-------|------|----------|---------------|
| | min. | max. | | |
| Physical | | | | |
| Melt Flow Rate (MFR) (230°C/2.16Kg) | 23 | 28 | g/10 min | ISO 1133-1 |
| Mechanical | | | | |
| Tensile Modulus | 1300 | - | MPa | ISO 527-1, -2 |
| Tensile Strength at Yield | 30 | - | MPa | ISO 527-1, -2 |
| Elongation at Yield | 10 | - | % | ISO 527-1, -2 |

Packaging

Polypropylene (PP) pellet is typically packed in polyethylene bags with net weight of 25kg each. 50 bags are stacked on a flat wooden pallet (dimensions: 1100mm x 1300mm x 150mm) with net weight of 1250kg per pallet that is stretch-hood film wrapped. Upon agreement with a customer PP pellet can be packed into big bag sized for 1000kg on wooden pallet (dimensions: 1140mm x 1140mm x 150mm) without stretch-hood film wrapping. Polypropylene product of SOCAR Polymer cannot be transported in bulk using tank car.

Storage

Polypropylene product packed in 25kg bags or 1000kg big bags stacked on wooden pallet shall be stored in enclosed dry place preventing from direct sunlight at least 1 meter far from heaters, at temperature min. -15°C / max. 35°C, relative humidity max. 80%. Prior to processing PP product bags shall be kept in production area for at least 12 hours.