POLYPROPYLENE HETEROPHASIC COPOLYMER

CB 6000 MO

Product Specification

Polypropylene, Impact Heterophasic Copolymer

Product Description

CB 6000 MO is polypropylene impact copolymer. With its high flow, excellent dimensional stability, and superior balance of stiffness and impact, this grades is especially suitable for injection molding.
Potential end use applications of CB 6000 MO include electrical appliance parts, automotive parts, food packaging and housewares.

This grade is not intended for medical and pharmaceutical applications.

Product Characteristics

Application	Housewares. Opaque Containers
Processing Method	Injection Molding. TWIM
Market	Consumer Products. Rigid Packaging
Features	Good Dimensional Stability. HighFlow. Low Temperature Impact Resistance

Typical Properties	Value min.	Value max.	Units	Test Method
Physical				
Melt flow rate (MFR) (230°C/2.16Kg)	55	65	g/10 min	ISO 1133-1
Mechanical				
Flexural Modulus	1100	-	MPa	ISO 527-1, -2
or				
Tensile Modulus	1050	-	MPa	ISO 178
Tensile Strength at Yield	no limit		MPa	ISO 527-1, -2
Elongation at Yield	no limit		%	ISO 527-1, -2
Impact				
Izod Impact Strenght - Notched (23°C)	4		kJ/m^2	ISO 180
(-20°C)	no limit		kJ/m^2	ISO 180

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.