



Moplen HF500H

Polypropylene, Homopolymer

Product Description

Moplen HF500H is a low flake form homopolymer for extrusion/injection moulding and compounding applications. It offers a good stiffness/impact balance and has a fine and very regular particle size distribution. Moplen HF500H is designed for production of compounds and masterbatches. Typical applications are colour and additives masterbatches, mineral filled compounds and woodstock. Moplen HF500H has a wide range of approval for contact with food but for specific applications, reference should be made to LyondellBasell.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Features	Homopolymer, Good Impact Resistance , Good Stiffness

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	1.2	g/10 min
Mechanical			
Flexural modulus (0.05 in/min, 1% Secant %)	ISO 178	1300	MPa
Impact			
Notched izod impact strength (23 °C)	ISO 180	4	kJ/m ²
Thermal			
Vicat softening temperature A/50	ISO 306	152	°C

Additional Properties

The reported physical properties are measured on extruded product stabilized with standard antioxidant package.

Notes

Typical properties; not to be construed as specifications.