



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.