

Technical Data Sheet

Moplen HF400G



Polypropylene, Homopolymer

Product Description

Moplen HF400G is a non pelletized homopolymer powder. The product is non stabilized. When pelletized and additivated *Moplen* HF400G is suitable for injection moulding and extrusion applications.

The main applications of *Moplen* HF400G are mineral filled compounds, colour and additives masterbatches.

The properties reported below are measured on the pelletized and additivated resin.

This grade is not intended for medical and pharmaceutical applications.

Market Compounding

Processing Method Compounding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	1.2	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1450	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3.5	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	153	°C	ISO 306