

Technical Data Sheet

Moplen HP501N



Polypropylene, Homopolymer

Product Description

Moplen HP501N is a polypropylene homopolymer.

Moplen HP501N is used by customers for technical compounds.

Market Compounding

Processing Method Compounding

Attribute Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1400	MPa	ISO 178
Tensile Modulus, (23 °C)	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield	34	MPa	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	155	°C	ISO 306