

Technical Data Sheet

Moplen HP504N



Polypropylene, Homopolymer

Product Description

Moplen HP504N is a polypropylene homopolymer.

Moplen HP504N is used by customers for technical compounds.

Application	Automotive Parts
Market	Compounding; Rigid Packaging
Processing Method	Compounding; Injection Molding
Attribute	Good Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9.5	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1500	MPa	ISO 178
Tensile Modulus	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	10	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3.5	kJ/m ²	ISO 179