

Technical Data Sheet

Moplen HP501N



Polypropylene, Homopolymer

Product Description

Moplen HP501N is a polypropylene homopolymer.

Moplen HP501N is used by customers for technical compounds.

Status	Commercial: Active
Availability	Africa-Middle East; Europe
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			
Tensile Modulus, (23 °C)	1550	MPa	ISO 527-1, -2
Tensile Stress at Yield	35	MPa	ISO 527-1, -2
Tensile Strain at Break		%	ISO 527-1, -2
Tensile Strain at Yield	9	%	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