

Product Description

20% Mineral Reinforced, Polypropylene Homopolymer

General Considerations

Resin ID (ISO 1043)	· PP-MD20	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density	1,04 to 1,06	g/cm ³	ASTM D 792
Ash Content	18 to 22	%	ISO 3451-1/A
Mold Shrinkage	0,9 to 1,2		ASTM D 955
Melt mass-flow rate (230 °C ; 2.16 kg)	3 to 7	g/10min	ASTM D 1238

Mechanical	Value	Unit	Method
Tensile Strength	30	MPa	ASTM D 638
Elongation at Break	8	%	ASTM D 638
Flexural Modulus	2700	MPa	ASTM D 790
Flexural Strength	45	MPa	ASTM D 790
Izod Notched Impact Strength	39	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,82 MPa	68	°C	ASTM D 696
Vicat Softening Temperature	140	°C	ASTM D 1525

Process	Value	Unit	Method
Molding Process Temperature	190 to 230	°C	--
Mold Temperature	60 to 80	°C	--
Drying	80/4	°C/Hours	--

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