

ADDILENE J 120 M20

Polypropylene Copolymer

ADDIPLAST

Message:

ADDILENE J 120 M20 is a Polypropylene Copolymer (PP Copolymer) material filled with 20% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America for extrusion or injection molding.

Typical applications include:

Automotive

Wire & Cable

General Information	
Filler / Reinforcement	Mineral,20% Filler by Weight
Features	Low Flow
Uses	Automotive Applications
	Automotive Interior Parts
	Wire & Cable Applications
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	25.0	MPa	
Break	20.0	MPa	
Tensile Strain (Break)	45	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	14	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Notched Izod Impact Strength	13	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	62.0	°C	ISO 75-2/Af
Vicat Softening Temperature	152	°C	ISO 306/A50
Melting Temperature (DSC)	165	°C	ISO 3146

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Comparative Tracking Index (Solution A)	600	V	IEC 60112

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Recommended distributors for this material

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