

DINAPLEN® PPH1S25 C20-4152

Polypropylene Homopolymer

Grupo Repol

Message:

DINAPLEN® PPH1S25 C20-4152 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% carbon fiber. It is available in Europe.
Primary characteristic: homopolymer.

General Information			
Filler / Reinforcement	Carbon Fiber,20% Filler by Weight		
Features	Homopolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9500	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	1.0	%	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Stress	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	140	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+3	ohms	ASTM D257

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Recommended distributors for this material

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