

DINAPLEN® PPH1S20 M403

Polypropylene Homopolymer

Grupo Repol

Message:

DINAPLEN® PPH1S20 M403 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 40% mineral. It is available in Europe. Primary characteristic: homopolymer.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Features	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4300	MPa	ISO 527-2
Tensile Stress (Break)	37.0	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	3000	MPa	ISO 178
Flexural Stress	50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	100	°C	ISO 75-2/A

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Recommended distributors for this material

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