

DINAPLEN® PPH1S05 M203

Polypropylene Homopolymer

Grupo Repol

Message:

DINAPLEN® PPH1S05 M203 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% mineral. It is available in Europe. Primary characteristic: homopolymer.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Homopolymer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ISO 527-2
Tensile Stress (Break)	35.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	5.0	%	
Break	8.5	%	
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	50	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A

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Recommended distributors for this material

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