

DINAPLEN® PPH1S07 G40-4137

Polypropylene Homopolymer

Grupo Repol

Message:

DINAPLEN® PPH1S07 G40-4137 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 40% glass fiber. It is available in Europe. Primary characteristic: homopolymer.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Homopolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9200	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Yield)	2.2	%	ISO 527-2
Flexural Modulus	8500	MPa	ISO 178
Flexural Stress	150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A

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