

DINAPLEN® PPH1S07 G20V0-4137

Polypropylene Homopolymer

Grupo Repol

Message:

DINAPLEN® PPH1S07 G20V0-4137 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% glass fiber. It is available in Europe. Characteristics include:
Flame Rated
Flame Retardant
Halogen Free
Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Flame Retardant		
	Halogen Free		
	Homopolymer		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm³	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	5400	MPa	ISO 527-2
Tensile Stress (Break)	75.0	MPa	ISO 527-2
Tensile Strain (Break)	3.2	%	ISO 527-2
Flexural Modulus	4100	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	145	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	V-0	UL 94	

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