

TRANSMARE® 30RHGF30-1.001

Polypropylene Homopolymer

Transmare Compounding B.V.

Message:

TRANSMARE® 30RHGF30-1.001 is a black coloured 30% glass fibre reinforced recycled polypropylene homopolymer for injection moulding purposes with high impact and a good flow.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Recycled Content	Yes		
Features	Good Flow		
	High Impact Resistance		
	Homopolymer		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (4.00 mm, Injection Molded)	6130	MPa	ISO 527-2/50
Tensile Stress (Break, 4.00 mm, Injection Molded)	75.0	MPa	ISO 527-2/50
Tensile Strain (Break, 4.00 mm, Injection Molded)	3.2	%	ISO 527-2/50
Flexural Modulus (Injection Molded)	5490	MPa	ISO 178
Flexural Stress (Injection Molded)	97.5	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1A
-40°C, Injection Molded	5.1	kJ/m²	
23°C, Injection Molded	8.6	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1U
-40°C, Injection Molded	32	kJ/m²	
23°C, Injection Molded	41	kJ/m²	
Notched Izod Impact Strength			ISO 180/1A
-40°C, Injection Molded	5.7	kJ/m²	
23°C, Injection Molded	9.5	kJ/m²	

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