

Mafill® HT 4102

Polypropylene Homopolymer

Ravago Group

Message:

PP Homo 10% Talc

V2 Deca-BDE free

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Additive	Flame Retardant		
Recycled Content	Yes		
Features	Flame Retardant		
	Homopolymer		

Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	1.2 to 1.5	%	Internal Method

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	32.0	MPa	
Break	22.0	MPa	
Tensile Strain (Break)	25	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B50
Ball Pressure Test (125°C)	Pass		IEC 60695-10-2

Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-2		
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12

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