

Mafill® HT 4202

Polypropylene Homopolymer

Ravago Group

Message:

PP Homo 20% Talc

V2 Deca-BDE free

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Additive	Flame retardancy		
Recycled Content	Yes		
Features	Homopolymer		
	Flame retardancy		

Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 1.3	%	Internal method

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	22.0	MPa	ISO 527-2
Fracture	18.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	2700	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	3.0	kJ/m ²	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	98.0	°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		UL 94
3.20 mm	V-2		UL 94
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12

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