

Mafill® HF 4002

Polypropylene Homopolymer

Ravago Group

Message:

PP Homo V2
Deca-BDE free

General Information			
Additive	Flame Retardant		
Recycled Content	Yes		
Features	Flame Retardant		
	Homopolymer		

Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	1.5 to 1.8	%	Internal Method

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	28.0	MPa	
Break	18.0	MPa	
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	3.0	kJ/m²	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	90.0	°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)	850	°C	IEC 60695-2-12

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

