

POLYfill PPH FR15030 XNH

Polypropylene Homopolymer
Polykemi AB

Message:
Flame retardant Halogen free

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
UL File Number	E122538		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	73		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	28.0	MPa	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus (23°C)	2200	MPa	ISO 178
Flexural Stress	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	2.0	kJ/m ²	
23°C	3.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	97.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	150	°C	ISO 306/A50
--	96.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Ignition Temperature (1.60 mm)	960	°C	IEC 60695-2-13
NOTE			

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