

POLYfill PPC 05ENH

Polypropylene Copolymer

Polykemi AB

Message:

Flame retardant Halogen free

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	23.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	9.0	%	
Break	560	%	
Flexural Modulus (23°C)	2100	MPa	ISO 178
Flexural Stress	40.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	4.5	kJ/m ²	
23°C	13	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	109	°C	ISO 75-2/B
1.8 MPa, Unannealed	72.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	151	°C	ISO 306/A50
--	82.0	°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)	850	°C	IEC 60695-2-13
NOTE			
1.	120°C/hr		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT