

POLYblend PC/ABS 65FS

Acrylonitrile Butadiene Styrene + PC

Polykemi AB



www.ponci.com.cn

Technical Data

General

Material Status	• Commercial: Active	
UL Yellow Card ¹	• E122538-221295	
Search for UL Yellow Card	• Polykemi AB	
Availability	• Asia Pacific	• Europe
UL File Number	• E122538	

Physical	Nominal Value Unit	Test Method
Density	1.12 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25 g/10 min	ISO 1133
Molding Shrinkage		ISO 2577
Across Flow	0.50 to 0.70 %	
Flow	0.50 to 0.70 %	

Mechanical	Nominal Value Unit	Test Method
Tensile Strain (Yield)	5.0 %	ISO 527-2
Flexural Modulus (23°C)	2300 MPa	ISO 178
Flexural Strength	95.0 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength		ISO 179
-20°C	25 kJ/m ²	
23°C	40 kJ/m ²	

Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		
0.45 MPa, Unannealed	120 °C	ISO 75-2/B
1.8 MPa, Unannealed	105 °C	ISO 75-2/A
Vicat Softening Temperature	115 °C	ISO 306/B50

Flammability	Nominal Value Unit	Test Method
Flame Rating (1.60 mm)	HB	UL 94
Glow Wire Ignition Temperature (2.00 mm)	650 °C	IEC 60695-2-13

Notes

¹ A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL IDES continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

² Typical properties: these are not to be construed as specifications.