

SCANAMID 66 A12^ F25 NH10

Polyamide 66

Polykemi AB

Message:

Flame retardant, Glass fibre reinforced

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	8500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.5	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	249	°C	ISO 75-2/B
1.8 MPa, Unannealed	233	°C	ISO 75-2/A
Vicat Softening Temperature			
--	248	°C	ISO 306/A50
--	226	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.00 mm)	V-0		UL 94
Glow Wire Ignition Temperature (2.00 mm)	960	°C	IEC 60695-2-13
NOTE			
1.	120°C/hr		

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