

SCANAMID 66 A33^E F45

Polyamide 66

Polykemi AB

Message:

Glass fibre reinforced Elastomer modified

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.80	%	
Flow	0.30	%	
Viscosity	High	Pa·s	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	150	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	3.7	%	
Break	4.5	%	
Flexural Modulus (23°C)	11000	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	14	kJ/m ²	
23°C	20	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-20°C	No Break		
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (1.8 MPa, Unannealed)	230	°C	ISO 75-2/A
Vicat Softening Temperature	240	°C	ISO 306/B50
NOTE			
1.	120°C/hr		

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