

SCANAMID 6 B11^

Polyamide 6

Polykemi AB

Message:

SCANAMID 6 B11^ is a Polyamide 6 (Nylon 6) product. It is available in Asia Pacific or Europe. Primary characteristic: flame rated.

General Information				
Physical	Dry	Conditioned	Unit	Test Method
Density	1.13	--	g/cm ³	ISO 1183
Molding Shrinkage				ISO 294-4
Across Flow	1.4	--	%	
Flow	1.2	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress	75.0	60.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	30	%	ISO 527-2
Flexural Modulus (23°C)	2600	1500	MPa	ISO 178
Flexural Stress	95.0	45.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	20	kJ/m ²	ISO 179
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature ¹				
0.45 MPa, Unannealed	180	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	--	°C	ISO 75-2/A
Vicat Softening Temperature	200	--	°C	ISO 306/B50
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.60 mm)	V-2	--		UL 94
Glow Wire Ignition Temperature (2.00 mm)	750	--	°C	IEC 60695-2-13
NOTE				

1. 120°C/hr

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