

# SCANAMID 66.6

## C22<sup>^</sup>E F

Modified

Property	Value	Unit	Standard
"^" = additive# 0-9, no effect on material prop.			
Density	1,12	g/cm <sup>3</sup>	ISO 1183
Viscosity		Pas	
Flexural modulus at +23°C	2800 (1500)	MPa	ISO 178
Maximum flexural strength	120 (67)	MPa	ISO 178
Maximum tensile strength	75 (55)	MPa	ISO 527-2
Elongation at break		%	ISO 527-2
Elongation at yield	5 (25)	%	ISO 527-2
Impact strength			
Notched Charpy at +23°C	12 (20)	kJ/m <sup>2</sup>	ISO 179
Notched Charpy at -20°C		kJ/m <sup>2</sup>	ISO 179
Unnotched Charpy at +23°C		kJ/m <sup>2</sup>	ISO 179
Unnotched Charpy at -20°C		kJ/m <sup>2</sup>	ISO 179
Filler content		±2%	ISO 3451
Heat Distortion Temperature			
HDT 120°C/h at 455kPa (B)	195	°C	ISO 75/1
HDT 120°C/h at 1820kPa (A)	67	°C	ISO 75/1
Softening temperature			
Vicat 50°/h at 9,81N (A)		°C	ISO 306
Vicat 50°C/h at 49,05N (B)	>195	°C	ISO 306
Flammability			
GWT at 2 mm		°C	IEC 695-2-1
UL94 at 1.6 mm			UL94
Mould shrinkage (with flow)		%	ISO 294-4
Mould shrinkage (across flow)		%	ISO 294-4

Values within (): 23°C/50% RH/24h

Version 1

1970-01-01

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