

SCANAMID 66 A53[^]EM

PA66

Polykemi AB

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.6 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.8 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	50 / -	MPa	ISO 527
Yield strain	8 / 40	%	ISO 527
Flexural modulus, 23°C	2100 / 1200	MPa	ISO 178
Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	50 / N	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	65 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	180 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	200 / *	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB / * 1.6 / *	class mm	IEC 60695-11-10 -
Glow Wire Ignition Temperature (GWIT)	650	°C	IEC 60695-2-13
GWIT - thickness tested (1)	2	mm	-
Other properties			
Density	1080 / -	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe, Asia Pacific

Delivery form

Granules