

SCANAMID 6 B12^ Q40

PA6-MX40

Polykemi AB

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	90 / 65	MPa	ISO 527
Strain at break	6 / 20	%	ISO 527
Flexural modulus, 23°C	5500 / 3800	MPa	ISO 178
Charpy notched impact strength, +23°C	6 / 10	kJ/m ²	ISO 179/1eA
ASTM Data			
Shore D Hardness	78 / -	-	ASTM D 2240
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	110 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	200 / *	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Glow Wire Ignition Temperature (GWIT)	650	°C	IEC 60695-2-13
GWIT - thickness tested (1)	2	mm	-
Other properties			
Density	1460 / -	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Regional Availability

Europe, Asia Pacific