

**SCANAMID 6 B11^ F45**

PA6-GF45

Polykemi AB

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.2 / *</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.8 / *</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>200 / 140</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>12800 / 8000</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N / N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>15 / 18</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>210 / *</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>215 / *</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>200 / *</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6 / *</b>	mm	-
Glow Wire Ignition Temperature (GWIT)	<b>650</b>	°C	IEC 60695-2-13
GWIT - thickness tested (1)	<b>2</b>	mm	-
<b>Other properties</b>			
Density	<b>1510 / -</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe, Asia Pacific