

POLYform POM C M270

POM

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	27	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.9	%	ISO 294-4, 2577
Molding shrinkage, normal	1.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	60	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	2700	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
ASTM Data			
Shore A Hardness	97	-	ASTM D 2240
Shore D Hardness	78	-	ASTM D 2240
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	106	°C	ISO 75-1/-2
Vicat softening temperature, B	152	°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)	550	°C	IEC 60695-2-13
GWIT - thickness tested (1)	3.2	mm	-
Other properties			
Density	1410	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Granules

Regional Availability

Europe, Asia Pacific