

POLYform POM C M90 S10

POM

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	9.5	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	45	MPa	ISO 527
Yield strain	7	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, B	140	°C	ISO 306
Other properties			
Density	1380	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Granules

Regional Availability

Europe, Asia Pacific