

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14300	MPa	ISO 527
Tensile Strength	165	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Charpy impact strength, +23°C	32	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	340	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1570	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Processing humidity	≤0.1	%	-
Melt temperature	370 - 410	°C	-
Mold temperature	140 - 200	°C	-
Back pressure	8	MPa	-
Holding pressure	50 - 140	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance, Hydrolytically Stable, Oil Resistance