

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8300	MPa	ISO 527
Tensile Strength	96	MPa	ISO 527
Flexural modulus, 23°C	7200	MPa	ISO 178
Charpy impact strength, +23°C	36	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	205	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1440	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75	°C	-
Pre-drying - Time	10 - 16	h	-
Processing humidity	≤0.1	%	-
Melt temperature	270	°C	-
Mold temperature	70 - 110	°C	-
Zone 1	250 - 270	°C	-
Zone 2	270 - 290	°C	-
Zone 3	280 - 300	°C	-
Nozzle temperature	270 - 280	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Features

Low Warpage

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific