

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	115	MPa	ISO 527
Flexural modulus, 23°C	5100	MPa	ISO 178
Flexural strength	175	MPa	ISO 178
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Other properties</b>			
Density	1230	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	271 - 293	°C	-
Mold temperature	71 - 93	°C	-
Zone 1	260 - 293	°C	-
Zone 2	260 - 293	°C	-
Zone 3	266 - 293	°C	-
Nozzle temperature	254 - 293	°C	-
Screw speed	30 - 120	rpm	-
Injection pressure	34 - 138	MPa	-
Back pressure	0.34 - 1.03	MPa	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America

### Applications

Automotive