

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	1.6	g/10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Stress at break	64	MPa	ISO 527
Flexural modulus, 23°C	3400	MPa	ISO 178
Flexural strength	113	MPa	ISO 178
Charpy notched impact strength, +23°C	2	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	M 77	-	ISO 2039-2
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	79	°C	ISO 75-1/-2
Vicat softening temperature, B	100	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
<b>Optical properties</b>			
<b>ISO Data</b>			
Haze	0.2	-	ISO 14782
Luminous transmittance	92	%	ISO 13468-1, -2
<b>ASTM Data</b>			
Index of Refraction	1.55	-	ASTM D 542
<b>Other properties</b>			
Density	1110	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	0.09	%	ASTM D 570
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	40 - 70	°C	-
Zone 1	190 - 240	°C	-
Nozzle temperature	220 - 240	°C	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific