

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	6.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	47	MPa	ISO 527
Yield strain	3	%	ISO 527
Stress at break	33	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Charpy impact strength, +23°C	75	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	3.2	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	4	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Rockwell Hardness	M 42	-	ASTM D 785
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Vicat softening temperature, A	69	°C	ISO 306
Vicat softening temperature, B	62	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	3	%	ASTM D 1003
Light Transmittance	85	%	ASTM D 1003
<b>Other properties</b>			
Density	1180	kg/m <sup>3</sup>	ISO 1183

## Characteristics

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa