

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
ASTM Data			
Mold Shrinkage, MD	0.0011	mm/mm	ASTM D 955
Mechanical properties			
Value	Unit	Test Standard	
ISO Data			
Yield stress	88	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	88	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	2900	MPa	ISO 178
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	1.2	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	1.8	kJ/m ²	ISO 180/1A
ASTM Data			
Rockwell Hardness	M 100	-	ASTM D 785
Thermal properties			
Value	Unit	Test Standard	
ISO Data			
Temp. of deflection under load, 1.80 MPa	74	°C	ISO 75-1/-2
Vicat softening temperature, A	84	°C	ISO 306
Vicat softening temperature, B	79	°C	ISO 306
Optical properties			
Value	Unit	Test Standard	
ASTM Data			
Haze	0.5	%	ASTM D 1003
Light Transmittance	90	%	ASTM D 1003
Other properties			
Value	Unit	Test Standard	
Density	1200	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Transparent

Certifications

Contains renewable resources

Regional Availability

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