

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Mechanical properties			
ISO Data			
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 ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.2	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
ASTM Data			
Rockwell Hardness	M 42	-	ASTM D 785
Thermal properties			
ISO Data			
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
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
Optical properties			
ASTM Data			
Haze	3	%	ASTM D 1003
Light Transmittance	85	%	ASTM D 1003
Other properties			
Water absorption	0.35	%	Sim. to ISO 62
Density	1180	kg/m ³	ISO 1183

Characteristics

Certifications

Contains renewable resources

Regional Availability

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