

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	36	MPa	ISO 527
Yield strain	3	%	ISO 527
Stress at break	36	MPa	ISO 527
Strain at break	23	%	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Charpy impact strength, +23°C	124	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4.7	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	58	°C	ISO 75-1/-2
Vicat softening temperature, A	71	°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	Value	Unit	Test Standard
ASTM Data			
Haze	4.4	%	ASTM D 1003
Light Transmittance	86	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
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