

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6100	MPa	ISO 527
Stress at break	82	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	5200	MPa	ISO 178
Izod impact strength, +23°C	25	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	3	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	7440	MPa	ASTM D 638
Tensile Strength at Break	103	MPa	ASTM D 638
Elongation at Break	2.3	%	ASTM D 638
Flexural Modulus	7100	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	469	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	137	°C	ISO 75-1/-2
Oxygen index	20	%	ISO 4589-1/-2
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.75	mm	-
Coefficient of Thermal Expansion, MD	32	E-6/K	ASTM D 696
DTUL @ 66 psi	215	°C	ASTM D 648
DTUL @ 264 psi	204	°C	ASTM D 648
Other properties			
Density	1380	kg/m ³	ISO 1183
Water Absorption, 24hr	1.05	%	ASTM D 570
Density	1380	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Flame retardant

Features

Low Odor

Regional Availability

Europe