

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	73	MPa	ISO 527
Strain at break	6	%	ISO 527
Flexural modulus, 23°C	3000	MPa	ISO 178
Flexural modulus	4600	MPa	ISO 178
Flexural modulus temperature	-30	°C	-
Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8.5	kJ/m ²	ISO 179/1eA
Abrasion resistance	102	mm ³	ISO 4649
Shore D hardness	71	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	121	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	174	°C	ISO 75-1/-2
Vicat softening temperature, B	115	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Features

Acoustical Barrier Properties, Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Applications

Sports Equipment

Regional Availability

Europe