

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9300	MPa	ISO 527
Tensile Strength	130	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	9000	MPa	ISO 178
Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 85	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	40	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Dissipation factor, 1MHz	200	E-4	IEC 62631-2-1
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Electric strength	14	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1610	kg/m ³	ISO 1183

Characteristics

Additives

Flame retarding agent

Special Characteristics

Flame retardant, High impact or impact modified, Heat stabilized or stable to heat

Features

Low Warpage

Regional Availability

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