

Product Texts

This material displays high mechanical and electrical properties; resilient to hydrocarbons (kerosene, gasoline, benzene etc.), mineral and synthetic oils, strong and weak alkali, weak acids.

Available in natural and black colors.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Molding shrinkage, normal	2.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	60	MPa	ISO 527
Strain at break	50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	27	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	215	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	135	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E15	Ohm*m	IEC 62631-3-1
Electric strength	22	kV/mm	IEC 60243-1

Other properties	Value	Unit	Test Standard
Density	1090	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Chemical Resistance

Acid Resistance, Alkali Resistance, Oil Resistance

Applications

Aircraft and Aerospace, Automotive, Electrical and Electronical

Regional Availability

Europe