

**Product Texts**

This material displays high mechanical and electrical properties; self-attenuates after the ignition source is exterminated; is resilient to nonpolar solvents, hydrocarbons (kerosene, gasoline, benzene etc.), mineral oils, strong and weak alkali, weak acids.

Available in natural and black colors.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	70	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Charpy impact strength, +23°C	36	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	216	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	185	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Electric strength	25	kV/mm	IEC 60243-1
Comparative tracking index	250	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1480	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	260	°C	-
Mold temperature	80	°C	-

**Characteristics**

**Processing**

Injection Molding

**Applications**

Aircraft and Aerospace, Automotive, Electrical and Electronical

**Special Characteristics**

Flame retardant

**Regional Availability**

Europe

**Chemical Resistance**

Acid Resistance, Alkali Resistance, Solvent Resistance, Oil Resistance