

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11100	MPa	ISO 527
Stress at break	135	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	7600	MPa	ISO 178
Charpy impact strength, +23°C	22	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3.1	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-1	-	UL 94
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E10	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	2 - 4	h	-
Mold temperature	65 - 95	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Flame retardant

Regional Availability

Europe