

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10700	MPa	ISO 527
Tensile Strength	138	MPa	ISO 527
Flexural strength	200	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	2	mm	-
DTUL @ 66 psi	218	°C	ASTM D 648
DTUL @ 264 psi	211	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	31	kV/mm	IEC 60243-1
ASTM Data			
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other Standards^[5]			
Dissipation factor, 100Hz	25	E-4	IEC 60250
Surface resistivity	1E15	Ohm	IEC 60093

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1550	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250 - 260	°C	-
Mold temperature	70 - 90	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Regional Availability

North America, Europe, South and Central America