

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0095	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile creep modulus, 1h	4000	MPa	ISO 899-1
Tensile creep modulus, 1000h	2500	MPa	ISO 899-1
ASTM Data			
Tensile Strength	90	MPa	ASTM D 638
Elongation at Break	4.8	%	ASTM D 638
Flexural Strength	140	MPa	ASTM D 790
Izod Impact notched, 1/8 in	6.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	215	°C	ASTM D 648
Melting Temperature	225	°C	ASTM D 3418
Vicat Temperature	215	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
Other Standards^[5]			
Dissipation factor, 100Hz	20	E-4	IEC 60093
Dissipation factor, 1MHz	200	E-4	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	1370	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	240 - 260	°C	-
Mold temperature	80	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, South and Central America