

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	200	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	12500	MPa	ASTM D 790
Flexural Strength	260	MPa	ASTM D 790
Izod Impact notched, 1/8 in	98	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	240	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1300	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 3	h	-
Mold temperature	65 - 85	°C	-
Zone 1	260 - 280	°C	-
Zone 2	260 - 280	°C	-
Zone 3	260 - 280	°C	-

Characteristics

Processing

Injection Molding

Additives

Lubricants

Delivery form

Black

Regional Availability

Asia Pacific