

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	11000	MPa	ASTM D 638
Tensile Strength	172	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	11000	MPa	ASTM D 790
Flexural Strength	241	MPa	ASTM D 790
Izod Impact notched, 1/8 in	120	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	209	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1600	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	135 - 150	°C	-
Pre-drying - Time	4 - 5	h	-
Mold temperature	135 - 165	°C	-
Zone 1	350 - 400	°C	-
Zone 2	350 - 400	°C	-
Zone 3	350 - 400	°C	-

Characteristics

Processing
Injection Molding

Regional Availability
Asia Pacific

Delivery form
Black