

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.00375	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	70	MPa	ASTM D 638
Tensile Strength at Break	70	MPa	ASTM D 638
Elongation at Yield	2	%	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	6350	MPa	ASTM D 790
Flexural Strength	114	MPa	ASTM D 790
Izod Impact notched, 1/8 in	72	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1	mm	-
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
Coefficient of Thermal Expansion, TD	94	E-6/K	ASTM D 696
DTUL @ 66 psi	105	°C	ASTM D 648
DTUL @ 264 psi	100	°C	ASTM D 648
Vicat Temperature	106	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	220 - 260	°C	-
Mold temperature	20 - 60	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

Asia Pacific