

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3654	MPa	ASTM D 638
Tensile Strength at Yield	65.5	MPa	ASTM D 638
Tensile Strength at Break	62.7	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	3792	MPa	ASTM D 790
Flexural Strength	109	MPa	ASTM D 790
Rockwell Hardness	R 122	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	40	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.2	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.59	mm	-
Coefficient of Thermal Expansion, MD	37.8	E-6/K	ASTM D 696
DTUL @ 264 psi	141	°C	ASTM D 648
Vicat Temperature	160	°C	ASTM D 1525
Limiting Oxygen Index	38	%	ASTM D 2863

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	288 - 316	°C	-
Mold temperature	82.2 - 116	°C	-

Characteristics

Processing

Injection Molding

Applications

IT / Business Machine, Electrical and Electronical

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

Asia Pacific