

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	38	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	54	MPa	ASTM D 638
Elongation at Break	70	%	ASTM D 638
Flexural Modulus	2551	MPa	ASTM D 790
Flexural Strength	93.2	MPa	ASTM D 790
Izod Impact notched, 1/8 in	343	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	120	°C	ASTM D 648

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	100 - 120	°C	-
Pre-drying - Time	5 - 7	h	-
Processing humidity	≤0.02	%	-
Melt temperature	260 - 280	°C	-
Mold temperature	45 - 80	°C	-
Zone 1	250 - 280	°C	-
Zone 2	260 - 290	°C	-
Zone 3	260 - 290	°C	-
Nozzle temperature	260 - 280	°C	-
Screw speed	40 - 100	rpm	-
Back pressure	1 - 4	MPa	-

Characteristics

Processing

Injection Molding

Features

Light Reflecting

Delivery form

White

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

North America, Europe, Asia Pacific, South and Central America