

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	49	MPa	ASTM D 638
Elongation at Break	35	%	ASTM D 638
Flexural Modulus	2450	MPa	ASTM D 790
Flexural Strength	76	MPa	ASTM D 790
Rockwell Hardness	R 116	-	ASTM D 785
Izod Impact notched, 1/8 in	196	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	92	°C	ASTM D 648
Vicat Temperature	100	°C	ASTM D 1525
Thermal Conductivity, solid state	0.15	W/(m K)	ASTM C 177

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	85	°C	-
Pre-drying - Time	3	h	-
Melt temperature	190 - 230	°C	-
Mold temperature	50 - 70	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Regional Availability

North America, Europe, South and Central America