

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Modulus	3200 / 1400	MPa	ASTM D 638
Tensile Strength at Yield	85 / 55	MPa	ASTM D 638
Elongation at Break	40 / 200	%	ASTM D 638
Flexural Strength	140 / 75	MPa	ASTM D 790
Rockwell Hardness	R 100 / R 85	-	ASTM D 785
Izod Impact notched, 1/8 in	45 / 200	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
Coefficient of Thermal Expansion, MD	70	E-6/K	ASTM D 696
DTUL @ 66 psi	220	°C	ASTM D 648
DTUL @ 264 psi	95	°C	ASTM D 648
Melting Temperature	255	°C	ASTM D 3418
Vicat Temperature	250	°C	ASTM D 1525

Electrical properties	dry / cond	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	120 / 80	kV/mm	ASTM D 149
Surface Resistivity	* / 1E11	Ohm	ASTM D 257
Volume Resistivity	1E15 / 1E12	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1	%	ASTM D 570
Density	1140	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	240 - 270	°C	-
Mold temperature	20 - 80	°C	-

Characteristics

Processing Injection Molding	Additives Release agent
Delivery form Natural Color	Regional Availability Europe