

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	5170	MPa	ISO 527
Yield stress	83	MPa	ISO 527
Yield strain	2.6	%	ISO 527
Stress at break	83	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	4820	MPa	ISO 178
Izod notched impact strength, +23°C	110	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Modulus	5171	MPa	ASTM D 638
Tensile Strength at Yield	82.7	MPa	ASTM D 638
Tensile Strength at Break	82.7	MPa	ASTM D 638
Elongation at Yield	2.6	%	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	4826	MPa	ASTM D 790
Flexural Strength	148	MPa	ASTM D 790
Rockwell Hardness	R 122	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	138	°C	ISO 75-1/-2
Vicat softening temperature, B	158	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	138	°C	ASTM D 648
Vicat Temperature	159	°C	ASTM D 1525
Other properties			
Density	1360	kg/m ³	ISO 1183
Density	1360	kg/m ³	ASTM D 792

Characteristics

Additives

Release agent

Regional Availability

North America, South and Central America

Applications

Electrical and Electrical, Medical