

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	16100	MPa	ISO 527
Tensile Strength	145	MPa	ISO 527
Strain at break	1.1	%	ISO 527
Flexural modulus, 23°C	15900	MPa	ISO 178
Izod impact strength, +23°C	26	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8.7	kJ/m ²	ISO 180/1A
ASTM Data			
Compressive Strength	275	MPa	ASTM D 695
Flexural Strength	230	MPa	ASTM D 790
Rockwell Hardness	M 104	-	ASTM D 785
Izod Impact notched, 1/8 in	90	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	370	J/m	ASTM D 256
Thermal properties			
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	1.5	mm	-
ASTM Data			
DTUL @ 264 psi	265	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.02	%	ASTM D 570
Density	1680	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR, Drinking water contact, Drinking water contact KTW, Drinking water contact NSF 61

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa