

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	380	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Tensile Modulus	2600	MPa	ASTM D 638
Tensile Strength	83	MPa	ASTM D 638
Elongation at Yield	6.5	%	ASTM D 638
Flexural Modulus	2900	MPa	ASTM D 790
Flexural Strength	111	MPa	ASTM D 790
Izod Impact notched, 1/8 in	85	J/m	ASTM D 256
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.8	mm	-
Coefficient of Thermal Expansion, MD	49	E-6/K	ASTM D 696
DTUL @ 264 psi	204	°C	ASTM D 648
<b>Electrical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Dielectric Strength, Short Time	15	kV/mm	ASTM D 149
Dissipation Factor, 60 Hz	0.0017	-	ASTM D 150
Dissipation Factor, 1 MHz	0.0056	-	ASTM D 150
Dielectric Constant, 60 Hz	3.51	-	ASTM D 150
Dielectric Constant, 1 MHz	3.54	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1370	kg/m <sup>3</sup>	ASTM D 792

## Characteristics

### Processing

Film Extrusion, Sheet Extrusion, Other Extrusion

### Delivery form

Pellets

### Special Characteristics

Flame retardant, Sterilizable, Steam sterilization

### Features

Creep Resistance, Thermal Stability

### Chemical Resistance

Acid Resistance, General Chemical Resistance

### Certifications

Food contact

### Regional Availability

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