

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Tensile Modulus	3250	MPa	ISO 527
Stress at break	50	MPa	ISO 527
Flexural strength	94	MPa	ISO 178
ASTM Data			
Tensile Modulus	3250	MPa	ASTM D 638
Tensile Strength at Break	50	MPa	ASTM D 638
Flexural Strength	100	MPa	ASTM D 790
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	98	°C	ISO 75-1/-2
Vicat softening temperature, A	106	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.9	mm	-
Yellow Card available	yes	-	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.9	mm	-
DTUL @ 264 psi	98	°C	ASTM D 648
Vicat Temperature	106	°C	ASTM D 1525
Other properties			
Density	1050	kg/m ³	ISO 1183
Density	1050	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	210 - 260	°C	-
Mold temperature	50 - 75	°C	-
Processing Recommendation Extrusion			
Melt temperature	210 - 240	°C	-

Characteristics

Processing

Injection Molding, Sheet Extrusion, Thermoforming

Features

Blending Resin

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

Applications

General Purpose, Refrigeration

Regional Availability

South and Central America