

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	21	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	21	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Stress at break	43	MPa	ISO 527
Flexural strength	73	MPa	ISO 178
ASTM Data			
Tensile Modulus	3200	MPa	ASTM D 638
Tensile Strength at Break	44	MPa	ASTM D 638
Flexural Strength	75	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	81	°C	ISO 75-1/-2
Vicat softening temperature, A	92	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	81	°C	ASTM D 648
Vicat Temperature	92	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183
Density	1050	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	210 - 260	°C	-
Mold temperature	50 - 75	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	210 - 240	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Certifications

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

Applications

General Purpose, Packaging

Regional Availability

South and Central America