

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Yield strain	13	%	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	>50	%	ISO 527
Izod notched impact strength, +23°C	4.6	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Optical properties	Value	Unit	Test Standard
ASTM Data			
Gloss	87.9	-	ASTM D 2457
Haze	1	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Characteristics

Processing

Film Extrusion

Special Characteristics

Transparent

Features

High Gloss, Homopolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Applications

Automotive, Packaging

Regional Availability

Near East/Africa