

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	35	MPa	ISO 527
Yield strain	12	%	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Izod notched impact strength, +23°C	5.9	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	156	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze	0.7	%	ASTM D 1003

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

## Characteristics

### Processing

Other Extrusion, Thermoforming

### Features

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