

## Product Texts

## Applications:

Twist wrap

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	36	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Izod notched impact strength, +23°C	2.5	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	R 101	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength at Yield	36	MPa	ASTM D 638
Elongation at Yield	9	%	ASTM D 638
Rockwell Hardness	R 101	-	ASTM D 785
Izod Impact notched, 1/8 in	25	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	58	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	98	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
<b>ASTM Data</b>			
DTUL @ 66 psi	98	°C	ASTM D 648
DTUL @ 264 psi	58	°C	ASTM D 648
Vicat Temperature	153	°C	ASTM D 1525
<b>Optical properties</b>			
<b>ASTM Data</b>			
Gloss	99	-	ASTM D 2457
Haze	1.9	%	ASTM D 1003
<b>Other properties</b>			
Density	905	kg/m <sup>3</sup>	ISO 1183
Density	905	kg/m <sup>3</sup>	ASTM D 792
<b>Film Properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield, MD	25	MPa	ASTM D 882
Tensile Strength at Yield, TD	25	MPa	ASTM D 882
Elongation at Yield, MD	10	%	ASTM D 882
Elongation at Yield, TD	9	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.03	mm	-

**Characteristics**

**Processing**

Blown Film Extrusion, Film Extrusion, Sheet Extrusion

**Features**

Homopolymer

**Additives**

Antiblocking agent

**Regional Availability**

North America, Europe, South and Central America