



Product: **Low-Density Polyethylene**

Grade: **L2102TX00**

Application: Blown Film

Packing: 25 kg Bags

<b>PRODUCT SPECIFICATION</b>			
<b>Properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Method</b>
<b>Polymer Properties</b>			
Melt Flow Rate	1.9	dg/min	
Density	921	kg/m <sup>3</sup>	
<b>Optical Properties</b>			
Gloss (45°)	50	%	ASTM D 2457
Haze	11	%	ASTM D 1003A
Clarity	29	mV	SABTEC method
<b>Mechanical Properties</b>			
Impact Strength	26	kJ/m	ASTM D 4272
Tear Strength TD	25	kN/m	
Tear Strength MD	60	kN/m	
<b>Tensile Test</b>			
Yield Stress TD	11	MPa	
Yield Stress MD	13	MPa	
Tensile Stress at break TD	20	MPa	
Strain at break TD	>500	%	
Strain at break MD	>150	%	
Modulus of elasticity TD	200	MPa	
Modulus of elasticity MD	190	MPa	
Coefficient of friction	>1		ASTM D 1894
Blocking	20	g	
Re-Blocking	100	g	
<b>Film properties have been measured at 25µm films</b>			

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Flat No. EWS-GF08. La Lagune, Sector54, Golf Course Road, Gurgaon Haryana-122002 India