



Product: **Low-Density Polyethylene**

Grade: **L2100TN00**

Application: Blown Film

Packing: 25 kg Bags

PRODUCT SPECIFICATION			
Properties	Value	Unit	Test Method
Polymer Properties			
Melt Flow Rate	0.3	dg/min	
Density	921	kg/m ³	
Optical Properties			
Gloss (45°)	46	%	ASTM D 2457
Haze	12	%	ASTM D 1003A
Clarity	65	mV	SABTEC method
Mechanical Properties			
Impact Strength	35	kJ/m	ASTM D 4272
Tear Strength TD	25	kN/m	
Tear Strength MD	20	kN/m	
Tensile Test			
Yield Stress TD	11	MPa	
Yield Stress MD	12	MPa	
Tensile Stress at break TD	26	MPa	
Tensile Stress at break MD	29	MPa	
Strain at break TD	>500	%	
Strain at break MD	>200	%	
Modulus of elasticity TD	190	MPa	
Modulus of elasticity MD	180	MPa	
Coefficient of friction	0.7		ASTM D 1894
Blocking	< 5	g	
Re-Blocking	30	g	
Film properties have been measured at 45µm films			

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