



Product: **Low-Density Polyethylene**

Grade: **2004TX37 (2004TC37)**

Application: Blown Film

Packing: 25 kg Bags

PRODUCT SPECIFICATION			
Properties	Value	Unit	Test Method
Polymer Properties			
Melt Flow Rate	4.7	dg/min	
Density	921	kg/m ³	
Formulation			
Slip	900	ppm	
Anti block	800	ppm	
Optical Properties			
Gloss (45°)	53	%	ASTM D 2457
Haze	9.5	%	ASTM D 1003A
Clarity	23	mV	SABTEC method
Mechanical Properties			
Impact Strength	15	kJ/m	ASTM D 4272
Tear Strength TD	30	kN/m	
Tear Strength MD	80	kN/m	
Tensile Test			
Yield stress TD	11	Mpa	
Yield Stress MD	12	MPa	
Tensile Stress at break TD	15	MPa	
Tensile Stress at break MD	27	MPa	
Strain at break TD	>450	%	
Strain at break MD	100	%	
Modulus of elasticity TD	190	MPa	
Modulus of elasticity MD	190	MPa	
Coefficient of friction	0.2		ASTM D 1894
Blocking	< 5	g	
Re-Blocking	100	g	
Film properties have been measured at 25µm films			

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