LDPE

LDPE 2004TX37(2004TC37)

Low Density Poly Ethylene for Blown Film.

Application The material is intended for very thin film requiring very good optical properties and is thus mainly applied in general packaging film such as textile packaging.

Additives Anti oxidant – Anti block – Slip agent

Properties	Value	Unit	Test Method
Polymer Properties			
Melt Flow Rate	4.7	dg/min	-
Density	921	kg/m³	-
Formulation			
Slip	900 O	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	-