



## Low Density Polyethylene (LDPE) - Film - 2100TN00

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