



Producer: Nova Chemicals / The United States (USA)

Novapol® LLDPE PF-0118-B

Description:

Novapol® Butene LLDPE.

Application:

Trash bags, liners, general packaging

Additive Package:

Med Slip and Antiblock

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index ⁽¹⁾	D 1238	g/10 min	1.0
Density	D 792	g/cm ³	0.918
Thickness		um (mil)	38 (1.5)
Film properties			
Dart Drop Impact	D 1709/A	g	140
Low Friction Puncture	J/mm	(in-lb-mil)	50 (12)
Tear Strength MD	D 1922	g	150
Tear Strength TD	D 1922	g	450
Tensile Strength MD	D 882	Mpa (psi)	34 (4800)
Tensile Strength TD	D 882	Mpa (psi)	26 (3700)
Yield Strength MD	D 882	Mpa (psi)	11 (1600)
Yield Strength TD	D 882	Mpa (psi)	10 (1400)
Elongation MD	D 882	%	600
Elongation TD	D 882	%	760
1% Secant Modulus MD	D 882	Mpa (psi)	180 (26000)
1% Secant Modulus TD	D 882	Mpa (psi)	200 (28000)
Haze	D 1003	%	15
Gloss @45°	D 2457		45
Coefficient of Friction	D 1894		<0.2

⁽¹⁾ - Condition 190/2.16