



Producer: Nova Chemicals / The United States (USA)

Novapol LLDPE TF-0119-D

Description:

Novapol Hexene LLDPE

Application:

Thin films, premium trash bags, ice bags

Additive Package:

High 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	270
Low Friction Puncture	J/mm	(in-lb-mil)	65 (15)
Tear Strength MD	D 1922	g	450
Tear Strength TD	D 1922	g	975
Tensile Strength MD	D 882	Mpa (psi)	37 (5300)
Tensile Strength TD	D 882	Mpa (psi)	32 (4500)
Yield Strength MD	D 882	Mpa (psi)	10 (1450)
Yield Strength TD	D 882	Mpa (psi)	11 (1600)
Elongation MD	D 882	%	600
Elongation TD	D 882	%	700
1% Secant Modulus MD	D 882	Mpa (psi)	170 (24600)
1% Secant Modulus TD	D 882	Mpa (psi)	190 (27550)
Haze	D 1003	%	19
Gloss @45°	D 2457		37
Coefficient of Friction	D 1894		<0.2

⁽¹⁾ - Condition 190/2.16