



Producer: Nova Chemicals / The United States (USA)

Novapol LDPE LF-0323-A

Description:

Novapol LDPE.

Application:

Food wrap, consumer packaging, liners, blends with LLDPE

Additive Package:

Base Product

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index ⁽¹⁾	D 1238	g/10 min	3.2
Density	D 792	g/cm ³	0.922
Thickness		um (mil)	38 (1.5)
Film properties			
Dart Drop Impact	D 1709/A	g	90
Low Friction Puncture	J/mm	(in-lb-mil)	30 (7)
Tear Strength MD	D 1922	g	230
Tear Strength TD	D 1922	g	230
Tensile Strength MD	D 882	Mpa (psi)	20 (2900)
Tensile Strength TD	D 882	Mpa (psi)	18 (2600)
Yield Strength MD	D 882	Mpa (psi)	10 (1450)
Yield Strength TD	D 882	Mpa (psi)	10 (1450)
Elongation MD	D 882	%	400
Elongation TD	D 882	%	550
1% Secant Modulus MD	D 882	Mpa (psi)	165 (24000)
1% Secant Modulus TD	D 882	Mpa (psi)	180 (26000)
Haze	D 1003	%	6
Gloss @45°	D 2457		70
Coefficient of Friction	D 1894		>0.5

⁽¹⁾ - Condition 190/2.16