



Producer: Nova Chemicals / The United States (USA)

Novapol LDPE LF-Y320-D

Description:

Novapol LDPE.

Application:

Industrial packaging

Additive Package:

High Slip and Antiblock

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index ⁽¹⁾	D 1238	g/10 min	0.25
Density	D 792	g/cm ³	0.922
Thickness		um (mil)	38 (1.5)
Film properties			
Dart Drop Impact	D 1709/A	g	240
Low Friction Puncture	J/mm	(in-lb-mil)	10 (2.5)
Tear Strength MD	D 1922	g	292
Tear Strength TD	D 1922	g	120
Tensile Strength MD	D 882	Mpa (psi)	29 (4200)
Tensile Strength TD	D 882	Mpa (psi)	23 (3350)
Yield Strength MD	D 882	Mpa (psi)	15 (2200)
Yield Strength TD	D 882	Mpa (psi)	10 (1450)
Elongation MD	D 882	%	110
Elongation TD	D 882	%	450
1% Secant Modulus MD	D 882	Mpa (psi)	190 (28000)
1% Secant Modulus TD	D 882	Mpa (psi)	230 (33000)
Haze	D 1003	%	30
Gloss @45°	D 2457		20
Coefficient of Friction	D 1894		<0.20

⁽¹⁾ - Condition 190/2.16