



Producer: Nova Chemicals / The United States (USA)

Novapol LDPE LF-0219-A

Description: Novapol LDPE

Application:

Industrial packaging, liners, shrink film, blends with LLDPE, foam articles

Additive Package:

Base Product

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index ⁽¹⁾	D 1238	g/10 min	2.3
Density	D 792	g/cm ³	0.918
Thickness		um (mil)	38 (1.5)
Film properties			
Dart Drop Impact	D 1709/A	g	90
Low Friction Puncture	J/mm	(in-lb-mil)	45 (10)
Tear Strength MD	D 1922	g	220
Tear Strength TD	D 1922	g	150
Tensile Strength MD	D 882	Mpa (psi)	18 (2600)
Tensile Strength TD	D 882	Mpa (psi)	16 (2300)
Yield Strength MD	D 882	Mpa (psi)	10 (1450)
Yield Strength TD	D 882	Mpa (psi)	9 (1300)
Elongation MD	D 882	%	350
Elongation TD	D 882	%	550
1% Secant Modulus MD	D 882	Mpa (psi)	150 (22000)
1% Secant Modulus TD	D 882	Mpa (psi)	175 (25500)
Haze	D 1003	%	12
Gloss @45°	D 2457		40
Coefficient of Friction	D 1894		>0.6

⁽¹⁾ - Condition 190/2.16