



Producer: Nova Chemicals / The United States (USA)

Novapol® LLDPE TD-9022-D

Description:

Novapol Superhexene LLDPE.

Application:

Retail trash bags

Additive Package:

Process Stabilize, High Slip and Antiblock

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index ⁽¹⁾	D 1238	g/10 min	0.8
Density	D 792	g/cm ³	0.916
Thickness		um (mil)	25 (1.0)
Film properties			
Dart Drop Impact	D 1709/A	g	550
Low Friction Puncture	J/mm	(in-lb-mil)	60 (13)
Tear Strength MD	D 1922	g	450
Tear Strength TD	D 1922	g	600
Tensile Strength MD	D 882	Mpa (psi)	42 (6100)
Tensile Strength TD	D 882	Mpa (psi)	35 (5100)
Yield Strength MD	D 882	Mpa (psi)	10 (1450)
Yield Strength TD	D 882	Mpa (psi)	11 (1595)
Elongation MD	D 882	%	550
Elongation TD	D 882	%	700
1% Secant Modulus MD	D 882	Mpa (psi)	160 (23200)
1% Secant Modulus TD	D 882	Mpa (psi)	190 (27600)
Haze	D 1003	%	-
Gloss @45°	D 2457		-
Coefficient of Friction	D 1894		<0.2

⁽¹⁾ - Condition 190/2.16