



Producer: Nova Chemicals / The United States (USA)

## Novapol LLDPE TF-Y826-D

**Description:**

Novapol Hexene LLDPE

**Application:**

Premium trash bags, bags-on-roll

**Additive Package:**

High slip and antiblock.

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index <sup>(1)</sup>	D 1238	g/10 min	0.8
Density	D 792	g/cm <sup>3</sup>	0.926
Thickness		um (mil)	38 (1.5)
<b>Film properties</b>			
Dart Drop Impact	D 1709/A	g	210
Low Friction Puncture	J/mm	(in-lb-mil)	50 (12)
Tear Strength MD	D 1922	g	240
Tear Strength TD	D 1922	g	825
Tensile Strength MD	D 882	Mpa (psi)	44 (6400)
Tensile Strength TD	D 882	Mpa (psi)	32 (4600)
Yield Strength MD	D 882	Mpa (psi)	13 (1900)
Yield Strength TD	D 882	Mpa (psi)	14 (2000)
Elongation MD	D 882	%	600
Elongation TD	D 882	%	700
1% Secant Modulus MD	D 882	Mpa (psi)	210 (30000)
1% Secant Modulus TD	D 882	Mpa (psi)	250 (36000)
Haze	D 1003	%	18
Gloss @45°	D 2457		37
Coefficient of Friction	D 1894		<0.2

<sup>(1)</sup> - Condition 190/2.16