



Producer: Nova Chemicals / The United States (USA)

## Novapol LLDPE TF-Y822-BP

**Description:**

Novapol Hexene LLDPE.

**Application:**

Industrial packaging, high-strength liners

**Additive Package:**

Med. slip and antiblock. Polymer Process Aid

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>	0.921
Thickness		um (mil)	38 (1.5)
<b>Film properties</b>			
Dart Drop Impact	D 1709/A	g	240
Low Friction Puncture	J/mm	(in-lb-mil)	100 (22)
Tear Strength MD	D 1922	g	500
Tear Strength TD	D 1922	g	870
Tensile Strength MD	D 882	Mpa (psi)	32 (4650)
Tensile Strength TD	D 882	Mpa (psi)	28 (4050)
Yield Strength MD	D 882	Mpa (psi)	10 (1450)
Yield Strength TD	D 882	Mpa (psi)	10 (1450)
Elongation MD	D 882	%	650
Elongation TD	D 882	%	850
1% Secant Modulus MD	D 882	Mpa (psi)	180 (26000)
1% Secant Modulus TD	D 882	Mpa (psi)	200 (29000)
Haze	D 1003	%	10
Gloss @45°	D 2457		60
Coefficient of Friction	D 1894		<0.25

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