



Producer: Nova Chemicals / The United States (USA)

## Novapol LLDPE TF-Y534-IP

**Description:**

Novapol Hexene LLDPE.

**Application:**

Low haze overwrap

**Additive Package:**

Low slip and antiblock. Polimer Process Aid

PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Index <sup>(1)</sup>	D 1238	g/10 min	0.75
Density	D 792	g/cm <sup>3</sup>	0.934
Thickness		um (mil)	25 (1.0)
<b>Film properties</b>			
Dart Drop Impact	D 1709/A	g	72
Low Friction Puncture	J/mm	(in-lb-mil)	76 (17)
Tear Strength MD	D 1922	g	50
Tear Strength TD	D 1922	g	540
Tensile Strength MD	D 882	Mpa (psi)	44 (6600)
Tensile Strength TD	D 882	Mpa (psi)	32 (4600)
Yield Strength MD	D 882	Mpa (psi)	15 (2200)
Yield Strength TD	D 882	Mpa (psi)	17 (2500)
Elongation MD	D 882	%	520
Elongation TD	D 882	%	760
1% Secant Modulus MD	D 882	Mpa (psi)	350 (50700)
1% Secant Modulus TD	D 882	Mpa (psi)	410 (59500)
Haze	D 1003	%	9
Gloss @45°	D 2457		63
Coefficient of Friction	D 1894		0.38

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

<sup>(3)</sup> - Film properties are typical of cast film