



LLDPE made via Spherilene Process



Product data sheet **16502**

The ease of processing and the low gels make 16502 well suited for a general purpose use in cast film applications, including stretch wrapping.

LLDPE: 16502

Density: 0.916

MFI: 2

Features



- Ease of processing
- Low gels make

Applications



- Cast film
- General purpose
- Stretch wrapping

Additives



- Thermal Antioxidant

Material properties (This data are typical values and are not to be construed as product specifications.)

46

Resin properties	Unit	Typical values		ASTM Method
Melt Index	(g/10')	2.0		D 1238
Density	(g/ml)	0.9160		D 1505
Film properties @				
Dart Impact	(g)		70	D 1709
Puncture resistance	(N)		14	Montell
Elmendorf Tear	(g)	MD /TD	60/320	D 1922
Tensile strenght at yield	(MPa)	MD /TD	11.8/10.1	D 882
Tensile strenght at break	(MPa)	MD /TD	51/24	D 882
Ultimate elongation	(%)	MD /TD	520/800	D 882
2% Secant modulus	(MPa)	MD /TD	115/115	D 882
Haze	(%)		2.1	D 1003
Gloss 45°			86	D 2457
@ 25 micron film obtained on Dolci coextr. cast line, extruders 70/120/70 mm, 2000 mm flat die, temp. profile 205 → 280°C.				
Recommended processing conditions				
Melt Temperature	(°C)	230-290		
Thickness	(micron)	15-50		