

LLDPE made via Hostalen Process



Product data sheet  
**16501**

16501A8 is a LLDPE blown film grade which combines ease of processing with low gels and good film strength.

**LLDPE:16501**

**Density: 0.916**

**MFI: 0.95**

Features



- ease of processing with low gels
- good film strength

Applications



- Blown film grade
- Liner

Additives



- THERMAL ANOTIOXIDANT

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

Resin properties	Unit	Typical values		ASTM Method
Melt Index	(g/10')	0.95		D 1238
Density	(g/ml)	0.9160		D 1505
Film properties @				
Dart Impact	(g)		105	D 1709
Elmendorf Tear	(g)	MD/TD	180/380	D 1922
Tensile strenght at yield	(MPa)	MD/TD	12.7/12.7	D 882
Tensile strenght at break	(MPa)	MD/TD	42/33	D 882
Ultimate elongation	(%)	MD/TD	670/770	D 882
2% Secant modulus	(MPa)	MD/TD	160/185	D 882
Haze	(%)		35	D 1003
Gloss 45°			25	D 2457
@ 25 micron film obtained on Collin 25, B.u.R. 2.5: I, Temp. profile 155 -,190°C, melt → 200°C.				
Recommended processing conditions				
Melt Temperature	(°C)	200-240		
Blow up ratio		2.0-3.0		
Die Gap	(mm)	2.0-2.5		
Thickness	(micron)	12-60		