

VLDPE made via Spherilene Process



Product data sheet  
**10501**

10501 is a VLDPE blown film grade particularly suited for lamination and coextrusion application, as adhesive layer. 10501 is designed for applications requiring low film stiffness, good sealability and high strength at low temperatures.

**VLDPE: 10501**

**Density: 0.910**

**MFI: 0.95**

Features



- low film stiffness
- good sealability
- high strength at low temperatures

Applications



- Blown film grade
- Lamination
- lamination and coextrusion application, as adhesive layer

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)	0.9100		D 1505
Film properties @				
Dart Impact	(g)		210	D 1709
Elmendorf Tear	(g)	MD/TD	200/400	D 1922
2% Secant modulus	(MPa)	MD/TD	105/115	D 882
Haze	(%)		25	D 1003
Gloss 45°			35	D 2457
@ 25 micron film obtained on Collin 25. B.u.R. 2.5: 1, Temp. profile 155 → 190°C, melt 200°C.				
Recommended processing conditions				
Melt Temperature	(°C)	200-230		
Blow up ratio		2.0-3.0		
Die Gap	(mm)	2.0-2.5		
Thickness	(micron)	15-50		