



## LLDPE made via Spherilene Process



# Product data sheet 15YF8

15YF8 is a hexane HP-LLDPE blown film grade for high performance applications. This resin Processes easier than conventional LLDPEs and has low gels.

**LLDPE: 15YF8**

**Density: 0.915**

**MFI:0.77**

### Features



- High performance applications
- Heavy Duty

### Applications



- Blown film grade

### Additives



- THERMAL ANOTIOXIDANT
- ANTIBLOCKING AGENT
- SLIP AGENT

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

70

Resin properties	Unit	Typical values		ASTM Method
Melt Index	(g/10')	0.77		D 1238
Density	(g/ml)	0.9150		D 1505
Film properties @				
Dart Impact	(g)		150	D 1709
Elmendorf Tear	(g)	MD/TD	170/510	D 1922
Tensile strenght at yield	(MPa)	MD/TD	12.5/13.4	D 882
Tensile strength at break	(MPa)	MD/TD	35/33	D 882
Ultimate elongation	(%)	MD/TD	700/860	D 882
2% Secant modulus	(MPa)	MD/TD	190/220	D 882
Haze	(%)		18	D 1003
Gloss 45°			45	D 2457
@ 25 micron film obtained on Collin 25 B.u.R 2.5:1 Temp profile 155 → 190 °C, melt 200 °C.				
Recommended proccsing conditions				
Melt Temperature	(°C)	200-240		
Blow up ratio		2.0-3.5		
Die Gap	(mm)	2.0-2.5		
Thickness	(micron)	18-180		