

## LLDPE made via Spherilene Process



### Product data sheet **18YF3**

- Film properties are obtained on 25 μ film made on 25 mm blown extruder according to method MA 17313, unless specified.  
 - The density corresponds to the basic grade product, after additivation the density is increased depending on the type of additivation.  
 - On High Performance (HP) types, density can not be correlated to stiffness in the same way of conventional LLDPE, due to the different polymer structure.

**LLDPE:18YF3**

**Density: 0.918-0.921**

**MFI: 0.35**

#### Features



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#### Applications



- Shrink Film
- High Performance

#### Additives



- THERMAL ANOTIOXIDANT

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

Test/Composition	Typical values	Unit	Method
Dart	220	g	D 1709 / A
Density	918	g/l	D 1505
Density final	918-921	g/l	D 1505
Elmendorf tear, MD	250	g	D 1922
Elmendorf tear, TD	550	g	D 1922
Elongation at break, MD	-	%	D 882
Elongation at break, TD	-	%	D 882
F/E ratio	32		D 1238
Fish eyes (Gels)	100	No./m2	
Gloss 45°	45	0%	D1709 / A
Haze	18	%	D 1003
MFR "E"	0.35	g/ 10 min	D 1238
Tensile Strenght, MD	-	Mpa	D 882
Tensile Strenght, TD	-	Mpa	D 882
Ti content	2.5	ppm	D1925
Y.I	0		
Yield Strength, MD	-	Mpa	D 882
Yield Strength, TD	-	Mpa	D 882