



LLDPE made via Spherilene Process



Product data sheet 235F7

235F7 is a LLDPE blown film grade designed for general purpose film. This resin is particularly suited for blending with LDPE, giving better strength and downgauging possibility.

LLDPE: 235F7

Density: 0.923

MFI: 0.7

Features



- general purpose film
- suited for blending with LDPE
- better strength

Applications



- Blown film grade

Additives



- THERMAL ANOTIOXIDANT
- ANTIBLOCKING AGENT

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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')	0.7		D 1238
Density	(g/ml)	0.9230		D 1505
film properties @				
Dart Impact	(g)		70	D 1709
Elmendorf Tear	(g)	MD/TD	80/600	D 1922
Tensile strenght at yield	(MPa)	MD/TD	12/15	D 882
Tensile strenght at break	(MPa)	MD/TD	43/32	D 882
Ultimate elongation	(%)	MD/TD	600/750	D 882
2% Secant modulus	(MPa)	MD/TD	200/230	D 882
Haze	(%)		17	D 1003
Gloss 45°			37	D 2457
@ 25 micron film obtained on Collin 25. B.u.R. 2.5:1, Temp. profile 155 → 190°C.				
Recommended processing conditions				
Melt Temperature	(°C)	190-230		
Blow up ratio		1.8-3.0		
Die Gap	(mm)	2.0-2.5		
Thickness	(micron)	18-180		