



LLDPE made via Spherilene Process



Product data sheet

22502AA

22502KJ

22502 is a LLDPE blown film grade designed for applications requiring ease of processing and good optical properties even at low extrusion temperature. This resin is well suited for blending with LDPE and for general purpose uses, including agricultural applications.

LLDPE: 22502AA/22502KJ

Density: 0.922

MFI: 1.8

Features



- General purpose
- ease of processing
- good optical properties
- low extrusion temperature
- suited for blending with LDPE
- agricultural applications.

Applications



- Blown film grade

Additives



- 22502AA:
Thermal Antioxidant
- 22502KJ:
Thermal Antioxidant
Antiblocking agent
Slip Agent

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

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Resin properties	Unit	Typical values		ASTM Method
Melt Index	(g/10')	1.80		D 1238
Density	(g/ml)	0.9220		D 1505
Film properties @				
Dart Impact	(g)		70	D 1709
Elmendorf Tear	(g)	MD/TD	130/350	D 1922
Tensile strength at yield	(MPa)	MD/TD	12/11.5	D 882
Tensile strength at break	(MPa)	MD/TD	40/32	D 882
Ultimate elongation	(%)	MD/TD	600/700	D 882
2% Secant modulus	(MPa)	MD/TD	175/220	D 882
Haze	(%)		21	D 1003
Gloss 45°			38	D 2457
@ 25 micron film obtained on Collin 25, B.u.R. 2.5: 1, Temp. profile 155 → 190°C.				
Melt Temperature	(°C)	170-210		
Blow up ratio		2.0-3.0		
Die Gap	(mm)	1.8-2.5		
Thickness	(micron)	12-150		