

LL22502AA LL22502KJ

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.



Resin Properties	Unit	Typical Value		ASTM Method
Melt Index (190°C/ 2.16Kg)	g/10 min	1.8		D1238
Density	g/ml	0.922		D1505
Film properties @				
Dart Impact	g		67	D1709
Elmendorf Tear	g	MD/TD	127/332	D1922
Tensile Strength at yield	MPa	MD/TD	12/12	D882
Tensile Strength at break	MPa	MD/TD	37/32	D882
Ultimate elongation	%	MD/TD	783/888	D882
Haze	%		34	D1003
Gloss 45°			24	D2457
@ 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		2.0-3.0		
Die Gap	mm	2.0-2.5		
Thickness	micron	15-150		

Characteristic Properties

- Ease of processing; Good optical properties; Low extrusion temperature
- Suited for blending with LDPE

Density: 0.922 - 0.924

Main Applications

- Blown film grade; General purpose
- Agricultural applications

MFI: 0.5 - 0.7

Additives

- **22502AA:**
 - Thermal Antioxidant (Process Stabilizer), Catalyst neutralizer (acid scavenger, lubricant)
- **22502KJ:**
 - Thermal Antioxidant (Process Stabilizer), Antiblocking Agent; Slip Agent, Catalyst neutralizer (acid scavenger, lubricant)