

LLDPE made via Spherilene Process



Product data sheet
11X02

11X02 is a HP-LLDPE blown film grade designed for easy processing applications which combines balanced film physical properties with good opticals.

LLDPE: 11X02

Density: 0.911

MFI: 2

Features



- General purpose
- easy processing
- good opticals

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.)

Resin properties	Unit	Typical values		ASTM Method
Melt Index	(g/10')	2.0		D 1238
Density	(g/ml)	0.9110		D 1505
Film properties @				
Dart Impact	(g)		120	D 1709
Elmendorf Tear	(g)	MD/TD	180/400	D 1922
Tensile strenght at yield	(MPa)	MD/TD	10.5/9.5	D 882
Tensile strenght at break	(MPa)	MD/TD	29.5/25	D 882
Ultimate elongation	(%)	MD/TD	715/765	D 882
2% Secant modulus	(MPa)	MD/TD	162/188	D 882
Haze	(%)		22	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 200°C.				
Recommended processing conditions				
Melt Temperature	(°C)	180-230		
Blow up ratio		2.0-3.0		
Die Gap	(mm)	2.0-2.5		
Thickness	(micron)	15-180		