



LDPE APAK 22502 AB

LDPE is defined in the density range of 0.910-0.940 g/ cm³ . It is inert at room temperature except for high oxidation factors. It can withstand temperatures of 80 °C continuously and a short time at 95 °C. It is formed in completely flexible translucent or opaque variations and is almost too strong to break.

LLDPE APAK 22502 AB 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 (190⁰ C/ 2.161<9)	g/ 10 min	1.8		D1238
Density	g/m	0.922		DI 505
Film properties				
Dart Impact			67	D1709
Elmendorf Tear		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 1 90⁰ 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		