



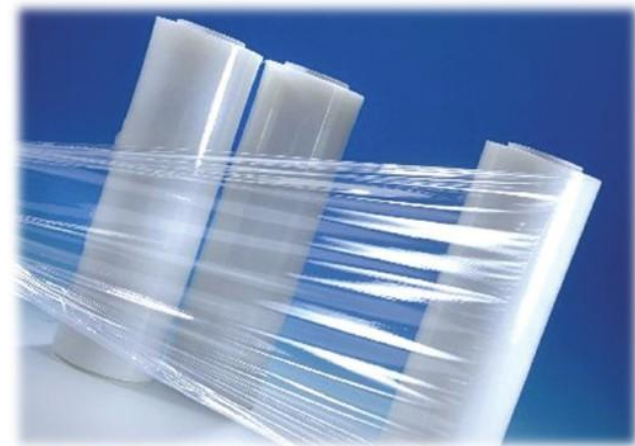
Product: Linear Low Density Polyethylene (LLDPE)

Grade: Film

Trade Name: 22501AA/22501KJ

Typical Applications

LLDPE: 22501AA/22501KJ can be used for producing Lamination film, ice & frozen food bags, liners, carrier bags, garbage bags, coextruded films, etc.





Asia Petrochemicals LLC

TDS FOR LLDPE: 22501AA/22501KJ

PRODUCT DESCRIPTION

22501AA/22501KJ is a LLDPE blow film grade designed for applications requiring good optical properties even at low extrusion temperature. This resin combines ease of processing with low gels and it is well suited for blending with LDPE and for general purpose applications.

Process conditions:

Typical processing conditions for LLDPE: 22501AA/22501KJ are:

Melt Temperature: 190 - 230°C

Blow up ratio: 2.0 – 3.0

Die Gap (mm): 2.0-2.5

Thickness (micron): 15-150

Packing: 25 Kg plastic bag

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*	
<u>Resin Properties</u>				
Melt Index	D 1238	(g/10')	0.95	
Density	D 1505	(g/ml)	0.9220	
<u>Film Properties @</u>				
Dart Impact	D 1709	(g)		80
Elmendorf Tear	D 1922	(g)	MD/TD	105/460
Tensile strength at yield	D 882	(Mpa)	MD/TD	13/12.5
Tensile strength at break	D 882	(Mpa)	TD MD/TD	45/30
Ultimate elongation	D 882	(%)	MD/TD	680/780
2% Secant modulus	D 882	(MPa)	MD/TD	200/240
Haze	D 1003	(%)		21
Gloss 45°	D 2457			38
@ 25 micron film obtained on Collin 25, B.u.R. 2.5: 1, Temp. profile 155 → 190°C				

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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