

22501AA/ 22501KJ

LLDPE made via Spherilene Gas-Phase Technology



Product Description

“22501” is a LLDPE blown 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.

High stiffness, Good optical properties, Low extrusion temperature, Ease of processing, Low gels, Suited for blending with LDPE

Density: 0.922-0.924

MFI: 0.85-1.05

Applications

- Blown film grade
- General Purpose applications

Additives

22501AA:

- Thermal Antioxidant (Process Stabilizer)
- Catalyst neutralizer (acid scavenger, lubricant)

22501KJ:

- Thermal Antioxidant (Process Stabilizer)
- Anti-blocking Agent
- Slip Agent
- Catalyst neutralizer (acid scavenger, lubricant)

RESIN PROPERTIES	UNIT	TYPICAL VALUE	ASTM METHOD
MELT INDEX (190°C/ 2.16KG)	(g/10 min)	0.7	D1238
DENSITY	g/ml	0.9230	D1505
FILM PROPERTIES @			
DART IMPACT	(g)	70	D1709
ELMENDORF TEAR	(g)	MD/TD 105/436	D1922
TENSILE STRENGTH AT YIELD	(MPa)	MD/TD 11/12	D882
TENSILE STRENGTH AT BREAK	(MPa)	MD/TD 41/31	D882
ULTIMATE ELONGATION	(%)	MD/TD 648/780	D882
HAZE	(%)	48	D1003
GLOSS 45°		10	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	

Producer: Jam Petrochemical Co.

Licensor: LyondellBasell

Packing: 25 Kg plastic bag

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