

AKSAD GROUP PETROCHEM

LL 22501

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.

Applications

- Blown film grade

Features

- High stiffness
- good optical properties
- low extrusion temperature
- ease of processing
- low gels
- suited for blending with LDPE
- general purpose applications

Additives

- 22501AA:Thermal Antioxidant
- 22501KJ:Thermal Antioxidant/Antiblocking agent
- SLIP AGENT

Material properties

(This data are typical values and are not to be construed as product specifications)

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Properties	Value	Unit	Method
Melt Index	0.95	g/10	D 1238
Density	0.9220	g/cc	D 1505
Film properties@			
Dart Impact	80	g	D 1709
Elmendorf Tear	105/460	g	D 1922
Tensile strenght at yield	13/12.5	MPa	D 882
Tensile strenght at break	45/30	MPa	D 882
Ultimate elongation	680/780	%	D 882
2% Secant modulus	200/240	MPa	D 882
Haze	21	%	D 1003
Gloss 45°	38	-	D 2457
@25 micron film obtained on Collin 25,B.u.R . 2.5:1 ,Temp, profile 155-190c°.			
Recommended processing conditions			
Melt Tempreture	190-230	C°	-
Blow up ratio	2.0-3.0	C°	-
Die Gap	2.0-2.5	mm	-
Thickness	15-50	micron	-