

Linear Low Density Polyethylene

LL0220 AA

Description:

LL 0220 AA" is a LLDPE copolymer with butene as comonomer which contains antioxidant.

This grade is suitable for the production of blown film for light duty applications and for the production of cast stretch film. Film made from LL 0220 AA can be produced at higher output compared to standard 1 MFR LLDPE butene copolymers.

Properties	Test Method	Unit	Value
Melt Flow Rate (190°C-2.16KG)	ISO 1133	g/10min	2.2
Density	ISO 1183	g/cm ³	0.920
Impact Strength	ASTM D 1709	gr	130
Tear Strength TD	ASTM D1922	g/25μ	300
Tear Strength MD	ASTM D1922	g/25μ	110
Yield Stress TD	ISO 527	MPa	11
Yield Stress MD	ISO 527	MPa	10
Tensile Strength TD	ISO 527	MPa	28
Tensile Strength MD	ISO 527	MPa	36
Elongation at break TD	ISO 527	%	800
Elongation at break MD	ISO 527	%	600
Modulus of elasticity TD	ISO 527	MPa	-
Modulus of elasticity MD	ISO 527	MPa	-
Vicat Softening Temperature	ISO 306	°C	93
Melting Point	ISO 3146	°C	-

Applications:

Light and medium duty film. Stretch film.

Processing Condition:

Recommended melt temperature: 225 °C.

Producer: Tabriz Petrochemical Company