

EGYPTENE LL 0209 AA

Linear Low Density Polyethylene
Sidpec (Sidi Kerir Petrochemicals Co.)

Message:
LL 0209 AA is a LLDPE copolymer with butane as comonomer which contains antioxidant. It is recommended for general purpose application. It is suitable for blending with conventional LDPE.

General Information			
Additive	Antioxidation		
Features	Low density		
	Butene comonomer		
	High strength		
	Copolymer		
	Perforation resistance		
	Antioxidation		
	Good stripping		
	General		
Uses	Films		
	Lining		
	Mixing		
	Stretch winding		
	Agricultural application		
	General		
	Heavy packing bag		
Agency Ratings	Europe No 10/2011		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1872-1
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Tensile Stress			ISO 1184
MD: Yield	10.0	MPa	ISO 1184
TD: Yield	11.0	MPa	ISO 1184
MD: Fracture	41.0	MPa	ISO 1184
TD: Fracture	32.0	MPa	ISO 1184
Tensile Elongation			ISO 1184
MD: Fracture	620	%	ISO 1184

TD: Fracture	840	%	ISO 1184
Dart Drop Impact	150	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	150	g	ASTM D1922
TD : 25 µm	370	g	ASTM D1922

Additional Information

Film properties were measured on 38 micron film extruded at a blow up ratio 2:1 with a melt temperature of 225°C.

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