

NAME: LL0209 AA

Product Description:

LL0209 AA is linear low density polyethylene copolymer containing butane-1 as the co-monomer. LL0209 AA is linear low density polyethylene copolymer containing butane-1 as the co-monomer. In lean blends, this resin offers greater drawdown compared to LDPE neat and produced films are tough with better tear resistance, high tensile stress and good hot-tack properties.

Application:

Shipping sacks
Carrier and garbage bags
Consumer packaging
High clarity film if blended with LDPE

Typical data: (Table)

Property	Unit	Value	Test Method	
MFI (190°C/2.16 kg)	gr/10min	0.9	ASTM D 1238	
Density	gr/cm ³	0.920	ASTM D 792	
Dart drop impact	gr	130	ASTM D 1709	
Tensile strength @ yield	MD	MPa	10	ISO 1184
Tensile strength @ yield	TD	MPa	11	ISO 1184
Tensile strength @ break	MD	MPa	35	ISO 1184
Tensile strength @ break	TD	MPa	28	ISO 1184
Elongation @ break	MD	%	630	ISO 1184
Elongation @ break	TD	%	800	ISO 1184
1% Secant modulus	MD	MPa	190	ISO 1184
1% Secant modulus	TD	MPa	190	ISO 1184
Elmendorf tear strength	MD	MPa	80	ASTM D 1922
Elmendorf tear strength	TD	g/25 m	430	ASTM D 1922
Puncture resistance	N.Cm	585	BPC	