

Product Data Sheet

LL0209AA

Linear Low Density Polyethylene copolymer

Product Description

LL0209AA are linear low density polyethylene copolymers containing butane-1 as the co-monomer. In lean blends, this resin offer greater drawdown compared to LDPE neat and produced Films are tough with better tear resistance, high tensile stress and good hot-tack properties.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
Physical Properties			
MFI (190°C/ 2.16Kg)	gr/10Min	ASTM D 1238	0.9
MFI(190°C /21.6Kg)	gr/10Min	ASTM D 1238	29.0
Density	gr/cm ³	ASTM D 1505	0.920
Optical Properties			
Haze	%	ASTM D 1003	12
Gloss (45°)	%	ASTM D 2457	50
Formulation			
Anti Oxidant		yes	
UV Stabilizer		-	
Slip Agent		-	
Mechanical Properties			
Dart Drop Impact	g	ASTM D 1709(A)	140
Tear StrengthMD/TD	gr/25um	ASTM D 1922	145/370
Tensil Strength at yield MD/TD	MPa	ASTM D 882	10/11
Tensil Strength at Break MD/TD	MPa	ASTM D 882	41/32
Elongation at BreakMD/TD	%	ASTM D 882	620/840
Secant Modulud	MPa	ASTM D 882	195/205
PunctureResistance	N.Cm	BPC	800
Coffi cient offriction		ASTM D 1894	>0.5
Thermal Properties			
Vicat SofteningTemperature	°C	ASTM D 1525	100