

LLDPE LL0209 AA

Linear Low Density Polyethylene

DESCRIPTION

«LL 0209AA» is a LLDPE copolymer with butene as comonomer which contains antioxidant. It is recommended for general purpose applications. It is suitable for blending with conventional LDPE. Film made from pure LL 02090 AA has the following advantages.
over conventional LDPE:
Better sealing, higher puncture resistance.
Greater drawdown capability.
Higher tensile strength.
Neutralizer: Calcium Stearate.
Antioxidant: Irganox1010, Irganox168.

TYPICAL APPLICATIONS

- Food Grade
- Heavy duty sacks, agricultural films, liners.
- Produce bags, stretch film

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
PHYSICAL PROPERTIES			
Melt Flow Rate (MFR) at 190 °C and 2.16 kg load	0.9	g/10 min	ISO 1133
Density	920	kg/m ³	ISO 1183
MECHANICAL PROPERTIES			
Tensile Stress at Yield MD/TD	10/11	MPa	ISO 527
Tensile Stress at Break MD/TD	41/32	MPa	ISO 527
Elongation at Break MD/TD	620/840	%	ISO 527
Tear Strength MD/TD	145/370	g/25μ	ASTM D1922
Dart Drop Impact	130	g	ASTM D1709