

Linear Low Density Polyethylene 0209 AA

LL0209AA and LL0209KJ are linear low density polyethylene copolymers containing butene-1 as a co-monomer. LL0209AA and LL0209KJ are suitable for general purpose films, neat or in lean blends with LDPE and other ethylene polymers.

#	Property	Value	Unit	Test Method
1	MFR (190 °C / 2.16 kg)	0.9	g/10 min	ISO 1133
2	Density	920	Kg/m ³	ISO 1183
3	Tensile Strength at Yield MD/TD	10/11	MPa	ISO 527
4	Tensile Strength at Break MD/TD	41/32	MPa	ISO 527
5	Elongation at Break MD/TD	620/840	%	ISO 527
6	Tear Strength MD/TD	145/370	g/25μ	ASTM D1922
7	Dart Drop Impact	150	g	ASTM D 1709

Processing Condition:

Recommended melt temperature: 180-225 °C

Film Blowing Machine: Dr.Collin 30M (Extruder) +180/400(Unit)

Zone Temperature: 200 °C

Hopper Temperature: 180 °C

Screw speed is set to 50 rpm The feeder of the extruder is cooled by cooling water CWS/CWR (35-45 °C)

