



Producer: National Petrochemical Company (NPC) / Iran

## LL0209AA

### Description:

**LL0209AA** is a LLDPE copolymer with butene as comonomer. It is suitable for blending with the conventional LDPE. Film made from pure **LL0209AA** has the following advantage over conventional LDPE:

- Better sealing
- High gloss
- Better optical properties (kj code)

### Applications:

- Transparent packaging (kj code)
- Lamination film

DESCRIPTION OF PROPERTIES	UNIT	VALUE	TEST METHOD
MFI ( 190°C/2.16 kg )	gr/10min	0.9	ASTM D 1238
Density	gr/cm <sup>3</sup>	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/25µ m	430	ASTM D 1922
Puncture resistance	N.Cm	585	BPC

### Film :70 micron

The above data are typical laboratory average . They are intended to serve as guides only.