



TPC

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**LL 0220 AA
Liner Low Density polyethylene**

- Product Description

- LL0220AA are linear low density polyethylene copolymers containing butane-1 as the comonomer. LL0220AA offers good balance of mechanical properties, good optical properties and good cling performance when it processed by the cast extrusion process. It can be used as a blending partner in LDPE or LLDPE in both cast and blown film application.

- Typical data

Property	Test Method	Unit	Typical Value
Physical Properties			
MFI(190°C/2.16Kg)	ASTM D 1238	gr/10Min	2.3
MFI(190°C/21.6Kg)			-
Density	ASTM D 1505	gr/cm ³	0.920
Optical Properties			
Haze	ASTM D 1003	%	1
Gloss(45°)	ASTM D 2457	%	95
Formulation			
Anti Oxidant			√
Anti Block			-
Slip Agent			-
Mechanical Properties			
Dart Drop Impact	ASTM D 1709(A)	g	90
Tear Strength MD/TD	ASTM D 1922	gr/25μm	100/300
Tensile Strength at yield MD/TD	ASTM D 882	MPa	10/11
Tensile Strength at Break MD/TD	ASTM D 882	MPa	30/25
Elongation at Break MD/TD	ASTM D 882	%	1000/1100
Secant Modulus MD/ TD	ASTM D 882	MPa	80/100
Coefficient of friction	ASTM D1894		> 5.0
Thermal Properties			
Vicat Softening Temperature	ASTM D 1525	°C	98

* 38μ, 2.5:1 blow-up ratio, 225°C melt temperature.

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