

# KP Plastics

## LL 0220 AA

LL0220AA are linear low density polyethylene copolymers containing butane1 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.

Property	Test Method	Unit	Typical Value
<b>Physical Properties</b>			
MFI(190°C/2.16Kg)	ASTM D 1238	gr/10Min	2.3
MFI(190°C/21.6Kg)			-
Density	ASTM D 1505	gr/cm <sup>3</sup>	0.920
<b>Optical Properties</b>			
Haze	ASTM D 1003	%	1
Gloss(45°)	ASTM D 2457	%	95
<b>Formulation</b>			
Anti Oxidant			√
Anti Block			-
Slip Agent			-
<b>Mechanical Properties</b>			
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
<b>Thermal Properties</b>			
Vicat Softening Temperature	ASTM D 1525	°C	98

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