

## Iran Petrochemical (PCC) LL0220AA Linear Low Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE)/Butene, Film

### Material Notes:

LL 0220 AA is a LLDPE copolymer with butene as comonomer which contains anti-oxidant. This grade is suitable for the production of blown film for light duty applications and for the production of cast stretch film. Information provided by Iran Petrochemical Commercial Co.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Iran-Petrochemical-PCC-LL0220AA-Linear-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Iran-Petrochemical-PCC-LL0220AA-Linear-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ISO 1183
Melt Flow	2.2 g/10 min @Load 2.16 kg, Temperature 190 °C	2.2 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Stress	10.0 MPa	1450 psi	MD; ISO 527
	11.0 MPa	1600 psi	TD; ISO 527
Film Elongation at Break, MD	600 %	600 %	ISO 527
Film Elongation at Break, TD	800 %	800 %	ISO 527
Elmendorf Tear Strength MD	110 g	110 g	ASTM D1922
Elmendorf Tear Strength TD	300 g	300 g	ASTM D1922
Dart Drop Test	130 g	0.287 lb	ASTM D1709
Film Tensile Strength at Break, MD	36.0 MPa	5220 psi	ISO 527
Film Tensile Strength at Break, TD	28.0 MPa	4060 psi	ISO 527

Thermal Properties	Metric	English	Comments
Vicat Softening Point	93.0 °C	199 °F	ISO 306

Processing Properties	Metric	English	Comments
Melt Temperature	225 °C	437 °F	

**Contact Songhan Plastic Technology Co.,Ltd.**

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