

Technical Datasheet

- **Grade Name:** LLD PE 209 AA
- **Categories:** Polymer, Thermoplastic, Polyethylene, Linear Low-Density Polyethylene
- **Processing Methods :**Blown Film
- **Applications:** Film, Food Bag, Stretch Film, Heavy-Duty Sacks, Agricultural Films, Light-Duty Films, Liner Bag
- **Features:** Good Tensile Strength, Good Drawdown Ability, Good Puncture Resistance, Good Seal Properties, Not suitable for Food

Physical Properties			
Properties	Value	Unit	Test Method
MFI (190°C/2.16 KG)	1	g/10min	ISO 1133
Density	0.9±0.1	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Elmendorf Tear Strength, MD	140-155	gr/25µm	ASTM D1922
Elmendorf Tear Strength, TD	365-380	gr/25µm	ASTM D1922
Film Elongation at Break, MD	600-650	%	ISO 527
Film Elongation at Break, TD	800-900	%	ISO 527
Film Tensile Strength at Break, MD	40-50	MPa	ISO 527
Film Tensile Strength at Break, TD	30-45	MPa	ISO 527
Tensile Strength at Yield MD	5-15	MPa	ISO 527
Tensile Strength at Yield TD	5-15	MPa	ISO 527
Impact Strength, Dart	120-145	gr	ASTM D1709

Typical Properties: These values are not to be considered as product specifications.

