

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)	0.9	g/10min	ISO 1133
Density	0.92	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Elmendorf Tear Strength, MD	145	gr/25μm	ASTM D1922
Elmendorf Tear Strength, TD	370	gr/25μm	ASTM D1922
Elongation at Break, MD	620	%	ISO 527
Elongation at Break, TD	840	%	ISO 527
Tensile Strength at Break, MD	41	MPa	ISO 527
Tensile Strength at Break, TD	32	MPa	ISO 527
Tensile Strength at Yield MD	10	MPa	ISO 527
Tensile Strength at Yield TD	11	MPa	ISO 527
Impact Strength, Dart	150	gr	ASTM D1709

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

