

## Technical Datasheet

- **Grade Name:** LLDPE 22501AA
- **Categories:** Polymer, Thermoplastic, Polyethylene, Linear Low-Density Polyethylene
- **Processing Methods :**Blown Film
- **Applications:** General purpose applications
- **Features:** High stiffness, good optical properties, Low extrusion temperature, Ease of processing, Low gels, Suited for blending with LDPE

Physical Properties			
Properties	Value	Unit	Test Method
MFI (190°C/2.16 KG)	0.95	g/10min	ISO 1133
Density	0.923	g/cm <sup>3</sup>	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Elmendorf Tear Strength, MD	105	gr/25μm	ASTM D1922
Elmendorf Tear Strength, TD	436	gr/25μm	ASTM D1922
Elongation at Break, MD	648	%	ISO 527
Elongation at Break, TD	780	%	ISO 527
Tensile Strength at Break, MD	41	MPa	ISO 527
Tensile Strength at Break, TD	31	MPa	ISO 527
Tensile Strength at Yield MD	11	MPa	ISO 527
Tensile Strength at Yield TD	12	MPa	ISO 527
Impact Strength, Dart	70	gr	ASTM D1709
Optical Properties			
Haze	34	%	ASTM D1003
Gloss 45°	24	-	ASTM D2457

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

