

Technical Datasheet

- o **Grade Name:** LLDPE 22501
- o **Categories:** Polymer, Polyethylene, Linear Low Density Polyethylene
- o **Processing Methods:** Blown film
- o **Applications:** General Purpose applications
- o **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	ASTM D 1238
Density	0.923	g/cm ³	ASTM D 1505
Mechanical Properties			
Properties	Value	Unit	Test Method
Tensile Strength at Yield(MD)	11	MPa	ASTM D882
Tensile Strength at Yield(TD)	12	MPa	ASTM D882
Tensile Strength at Break (MD)	41	MPa	ASTM D882
Tensile Strength at Break (TD)	31	MPa	ASTM D882
Tensile Elongation at Break (MD)	648	%	ASTM D882
Tensile Elongation at Break (TD)	780	%	ASTM D882
Elmendorf Tear (MD)	105	gr	ASTM D1922
Elmendorf Tear (TD)	436	gr	ASTM D1922
Dart Impact	70	gr	ASTM D1709
Haze	48	%	ASTM D1003
Gloss 45°	10	-	ASTM D2457

*Additive: Antioxidant, Neutralizer

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

This document is issued by the Company subject to its general condition of service printed overleaf. Attention is drawn to the limitations of liability identification and jurisdictional issues defined therein.

+981142434507

NO.9 Beshel Industrial City,
Shirgah, Mazandaran, Iran

