

## Technical Datasheet

- **Grade Name:** LLDPE 22B02
- **Categories:** Polymer, Thermoplastic, Polyethylene, Linear Low-Density Polyethylene
- **Processing Methods :**Blown Film
- **Applications:** Film, Artificial Grass, Shrink Films, Light-Duty Films
- **Features:** Good UV Resistance

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 190°C/2.16 KG)	2	g/10min	ISO 1133
Density	0.922	g/cm <sup>3</sup>	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Elmendorf Tear Strength, MD	30 - 40	gr/25μm	ASTM D1922-09
Elmendorf Tear Strength, TD	320 - 340	gr/25μm	ASTM D1922-09
Film Elongation at Break, MD	780 - 785	%	ASTM D882-10
Film Elongation at Break, TD	990 - 995	%	ASTM D882-10
Film Tensile Strength at Break, MD	50 - 60	MPa	ASTM D882-10
Film Tensile Strength at Break, TD	35 - 45	MPa	ASTM D882-10
Film Tensile Strength at Yield, MD	16 - 20	MPa	ASTM D882-10
Film Tensile Strength at Yield, TD	20 - 30	MPa	ASTM D882-10
Impact Strength, Dart	125 - 135	gr	ASTM D1709

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

