

Technical Datasheet

- **Grade Name:** LLDPE 235F6
- **Categories:** Polymer, Polyethylene, Linear Low-Density Polyethylene
- **Processing Methods:** Extrusion
- **Applications:** Agricultural, Films and Tapes, Lamination, Shrink Film, Industrial Films, Frozen Food Packaging
- **Features:** Good sealability, Excellent processability, Excellent mechanical properties

Physical Properties			
Properties	Value	Unit	Test Method
MFI (190°C/2.16 Kg)	0.6	g/10min	ISO 1133
Density	0.922	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	350	MPa	ASTM D790
Tensile Strength at Yield (MD)	10	MPa	ASTM D882
Tensile Strength at Yield (TD)	11	MPa	ASTM D882
Tensile Strength at Break (MD)	45	MPa	ASTM D882
Tensile Strength at Break (TD)	25	MPa	ASTM D882
Tensile Elongation at Break	>600	%	ASTM D882
Elmendorf Tear (MD)	120	gr	ASTM D1922
Elmendorf Tear (TD)	450	gr	
Hardness	55	Shore D	ASTM D2240
ESCR	>1000	hr	1693
Vicat Softening Point	107	°C	ASTM D1525

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

