

LLDPE 235F6 Technical Datasheet

1) Product Description:

LL-235F6 is a linear-low density polyethylene resin (LLDPE), obtained by gas phase technology process. This grade designed for the production of different type of films and agricultural tapes. In this grade excellent processability, mechanical properties, melt strength and drawability achieved based on the balanced molecular weight and molecular weight distribution. LL-235F6 has good sealability and approved for food contact applications.

2) Applications:

- Lamination films
- Agricultural Films and Tapes
- Shrink Film
- Industrial Film
- Frozen Food Packing

3) Typical data:

Property	Test method	Unit	value
Melt Index (190°C/2.16 kg)	D1238	g/10 min	0.6
Density	D1505	g/ml	0.923
Flexural modulus	D1525	°C	107
Notched Izod impact at 23°C	D3418	°C	127
Flexural modulus	D790	MPa	385
Tensile Strength at Yield	D882	MPa	11.5/12 (MD/TD)
Tensile Strength at Break	D882	MPa	47/28 (MD/TD)
Tensile Elongation at Break	D882	%	>600
Elmendorf Tear	D1922	gr	130/470 (MD/TD)
Hardness	D2240	Shore D	55
ESCR	1693	hr	>1000

* Typical values not to be construed as specifications.