PRODUCT DATA SHEET

LL235F6

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 approvedfor food contactapplications.

LLDPE: LL-235F6

Characteristic Properties

- Good Process ability
- Excellent melt strength

Density: 0.922 - 0.924

Main Applications

- Agricultural Films and Tapes
- Lamination
- Shrink Film
- Industrial Films, Frozen Food Packaging

MFI: 0.5 - 0.7

Additives

- Thermal Antioxidant (Process Stabilizer)
- Catalyst neutralizer (acid scavenger, lubricant)

Material properties *(This data are typical values and are not to be construed as product specifications.)*

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	0.6	D1238
Density	g/cm^3	0.923	D1505
Mechanical Properties @			
Tensile Strength at Yield	MPa	11.5/12 (MD/TD)	D882
Tensile Strength at Break	MPa	47/28 (MD/TD)	D882
Tensile Elongation at Break	%	>600	D882
Elmendorf Tear	gr	130/470 (MD/TD)	D1922
@ Film properties are measured on 25 µm blown film produced at 2.5 BUR.			

APPLICATIONS











