

# LL235F7

LL-235F7 is a linear low-density polyethylene resin (LLDPE) obtained by gas phase technology process. This grade is suitable for the production of lamination, agricultural, shrink and general films. LL-235F7 combined good processability and melt strength with excellent mechanical properties, high sealability, good hot tack force and superior optical properties. This grade approved for food contact applications



Resin Properties	Unit	Typical Value	ASTM Method
Melt Index (190°C/ 2.16Kg)	g/10 min	0.7	D1238
Density	g/cm <sup>3</sup>	0.922	D1505
<b>Mechanical Properties @</b>			
Tensile Strength at Yield	MPa	11/12 (MD/TD)	D882
Tensile Strength at Break	MPa	40/25 (MD/TD)	D882
Tensile Elongation at Break	%	>700	D882
Elmendorf Tear	gr	78/455 (MD/TD)	D1922
@ Film properties are measured on 25 µm blown film produced at 2.5 BUR.			

## Characteristic Properties

- High sealability, superior optical properties

**Density: 0.922 - 0.925**

## Main Applications

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

**MFI: 0.6 - 0.8**

## Additives

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