

Hanwha Total PE 6200F

Linear Low Density Polyethylene
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

6200F is a linear low-density polyethylene resin for heavy duty films for packaging. This grade is designed to be processed in conventional blown film equipment. 6200F is a hexene comonomer grade.

General Information			
Features	Low density		
	Rigidity, high		
	High tensile strength		
	hexene comonomer		
	Perforation resistance		
	Impact resistance, high		
	Workability, good		
	Good heat sealability		
	Good tear strength		
Uses	Packaging		
	Films		
	Mixing		
	Heavy packing bag		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Yield	11.8	MPa	ASTM D882
TD: Yield	10.8	MPa	ASTM D882
MD: Fracture	42.2	MPa	ASTM D882
TD: Fracture	34.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	580	%	ASTM D882
TD: Fracture	760	%	ASTM D882
Dart Drop Impact	240	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

