

Eleme NGL020FS

Linear Low Density Polyethylene
Eleme Petrochemical Company Ltd

Message:

NGL020FS is a Butene Co-monomer based Liner Low Density Polyethylene Resin manufactured by IEPL using "SCLAIRTECH" solution polymerisation process of DU Pont, Canada (Now Nova Chemicals) offers narrow molecular weight distribution copolymer with slip & antiblock additive which has been specifically designed for the production of high strength blown film of various thickness for multilayer & heavy duty bags.

General Information			
Additive	Anti-caking agent		
	slip agent		
Features	Low speed solidification crystal point		
	High strength		
	smoothness		
	Perforation resistance		
	Anti-caking property		
Uses	Blown Film		
	Packaging		
	Films		
	Multilayer film		
	Mixing		
	Heavy packing bag		
Appearance	Natural color		
Processing Method	Film extrusion		
	Blow film		
	Co-extruded film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.919	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Yield	12.0	MPa	ASTM D882
TD: Yield	11.5	MPa	ASTM D882
MD: Fracture	29.0	MPa	ASTM D882
TD: Fracture	25.0	MPa	ASTM D882
Tensile Elongation			ASTM D882

MD: Fracture	700	%	ASTM D882
TD: Fracture	800	%	ASTM D882
Additional Information	Nominal Value	Unit	Test Method
Dart Impact	29.4	kN/m	ASTM D1709
Tear Strength			ASTM D1922
MD	23.5	kN/m	ASTM D1922
TD	73.5	kN/m	ASTM D1922

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