

LITEN LS 87

Polyethylene Copolymer
UNIPETROL RPA

Message:

LITEN LS 87 is a higher melt flow rate copolymer with narrow molecular weight distribution, containing special stabilization. It is suitable for manufacture of bi-component fiber (PE/PP) for non-woven textiles using spunbond technology.

General Information	
Features	Copolymer
	Good Stability
	Narrow Molecular Weight Distribution
Uses	Fibers
	Nonwovens
	Spun Bonding
	Textile Applications
Agency Ratings	EC 1935/2004
	EU 10/2011
Forms	Pellets
Processing Method	Extrusion
	Film Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	56		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ISO 306

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