

ExxonMobil™ LDPE LGA 105

Low Density Polyethylene Resin
ExxonMobil Chemical

Message:

LGA 105 is a homopolymer with good transparency, washability and dry cleaning film resin, which can be used to produce very low thickness ductile films.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD	168	MPa	ASTM D882
TD	199	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.20	MPa	ASTM D882
TD: Yield	9.23	MPa	ASTM D882
MD: Fracture	20.8	MPa	ASTM D882
TD: Fracture	18.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	390	%	ASTM D882
TD: Fracture	680	%	ASTM D882
Dart Drop Impact	76	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	440	g	ASTM D1922
TD	200	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	82		ASTM D2457
Haze	4.3	%	ASTM D1003
Legal statement			

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