

TITANEX® HM1031

High Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANEX® HM1031 is a High Density Polyethylene material. It is available in Asia Pacific for extrusion.

Important attributes of TITANEX® HM1031 are:

Butene Comonomer

Good Processability

Heat Resistant

Typical applications include:

Adhesives/Tapes

Fabrics/Fibers

Straps/Ropes

Yarn

General Information			
Features	Butene Comonomer		
	Good Drawdown		
	Good Processability		
	Good Strength		
	Good Thermal Stability		
	Low Die Swell		
Uses	High Tenacity Flat Yarn		
	Monofilaments		
	Netting		
	Rope		
	Tape		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	33.3	MPa	
Break	35.3	MPa	
Tensile Elongation (Break)	900	%	ASTM D638
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	230 to 280	°C	

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Recommended distributors for this material

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