

Indothene HD 53EA010

High Density Polyethylene

Reliance Industries Limited

Message:

Indothene HD 53EA010 is a High Density Polyethylene product. It can be processed by extrusion and is available in Africa & Middle East or Asia Pacific.
Typical application: Fabrics/Fibers.

General Information			
Uses	Monofilaments		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.1	MPa	ASTM D638
Tensile Elongation (Yield)	15	%	ASTM D638
Flexural Modulus	804	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ASTM D1525

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