

# RELENE® L 41003

High Density Polyethylene

Reliance Industries Limited

## Message:

RELENE® L 41003 is a High Density Polyethylene product. It is available in Asia Pacific.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.943	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.28	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Injection Molded	20.0	MPa	
Ultimate, Injection Molded	24.0	MPa	
Tensile Elongation (Break, Injection Molded)	500	%	ASTM D638
Flexural Modulus (Injection Molded)	700	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ASTM D1525

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## Recommended distributors for this material

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