

MIRASON™ 102

Low Density Polyethylene

Mitsui Chemicals, Inc.

Message:

MIRASON™ 102 is a Low Density Polyethylene material. It is available in Asia Pacific. Primary attribute of MIRASON™ 102: High Strength.

Typical applications include:

Film

Wrap

General Information			
Features	High Strength		
Uses	Film		
	Shrink Wrap		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.6	MPa	ASTM D638
Tensile Elongation (Break)	650	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ASTM D1525
Melting Temperature	109	°C	

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Recommended distributors for this material

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