

# MIRASON™ B319

Low Density Polyethylene

Mitsui Chemicals, Inc.

## Message:

MIRASON™ B319 is a Low Density Polyethylene material. It is available in Asia Pacific.

Important attributes of MIRASON™ B319 are:

Good Aesthetics

High ESCR (Stress Crack Resistant)

Typical application of MIRASON™ B319: Wire & Cable

General Information			
Features	High ESCR (Stress Crack Resist.)		
	Pleasing Surface Appearance		
Uses	Power Cable Jacketing		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	8.83	MPa	
Break	18.6	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Vicat Softening Temperature	96.0	°C	ASTM D1525
Melting Temperature	109	°C	

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## Recommended distributors for this material

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