

MIRASON™ FL60

Low Density Polyethylene

Mitsui Chemicals, Inc.

Message:

MIRASON™ FL60 is a Low Density Polyethylene material. It is available in Asia Pacific for injection molding.

Important attributes of MIRASON™ FL60 are:

Good Flexibility

High Flow

Typical application of MIRASON™ FL60: Caps/Lids/Closures

General Information			
Features	Good Flexibility		
	High Flow		
Uses	Closures		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	70	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	6.96	MPa	
Break	8.83	MPa	
Tensile Elongation (Break)	450	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.0	°C	ASTM D746
Vicat Softening Temperature	76.0	°C	ASTM D1525
Melting Temperature	102	°C	

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Recommended distributors for this material

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