

MIRASON™ 403P

Low Density Polyethylene

Mitsui Chemicals, Inc.

Message:

MIRASON™ 403P is a Low Density Polyethylene material. It is available in Asia Pacific for injection molding. Primary attribute of MIRASON™ 403P: High ESCR (Stress Crack Resistant).

Typical applications include:

Caps/Lids/Closures

Engineering/Industrial Parts

General Information			
Features	Good Flow		
	High ESCR (Stress Crack Resist.)		
Uses	Closures		
	Industrial Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	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			ASTM D638
Yield	8.73	MPa	
Break	14.7	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Vicat Softening Temperature	91.0	°C	ASTM D1525
Melting Temperature	108	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

