

Lotrène® LDPE MG70

Low Density Polyethylene

QAPCO

Message:

Lotrène® LDPE MG70 is a Low Density Polyethylene product. It can be processed by injection molding and is available in Africa & Middle East or Europe.

Applications of Lotrène® LDPE MG70 include additive/masterbatch, coating applications, engineering/industrial parts and food contact applications.

Characteristics include:

REACH Compliant

Food Contact Acceptable

Good Flexibility

Good Processability

High Flow

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	Good Processability		
	High Flow		
	High Gloss		
Uses	Coating Applications		
	Masterbatch		
	Thin-walled Parts		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	70	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5 to 2.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	6.00	MPa	
Break	10.0	MPa	
Tensile Elongation (Break)	200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	78.0	°C	ASTM D1525
Peak Crystallization Temperature (DSC)	101	°C	ASTM E794
Injection	Nominal Value	Unit	

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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

