

# Lotrène® LDPE MG20

Low Density Polyethylene

QAPCO

Message:

Lotrène® LDPE MG20 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 MG20 include caps/lids/closures, household applications, additive/masterbatch, engineering/industrial parts and food contact applications.

Characteristics include:

REACH Compliant

Food Contact Acceptable

Good Flexibility

High Flow

High Gloss

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	High Flow		
	High Gloss		
Uses	Caps		
	Household Goods		
	Lawn and Garden Equipment		
	Lids		
	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 <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	7.00	MPa	
Break	9.00	MPa	
Tensile Elongation (Break)	210	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	86.0	°C	ASTM D1525
Peak Crystallization Temperature (DSC)	104	°C	ASTM E794
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 240	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

