

MARPOL® LDC 710

Low Density Polyethylene
Marco Polo International, Inc.

Message:

Recommended Applications: Flexible packaging, milk cartons, industrial papers, foil mounting, single-ply bags, pouch bags, board trays, fiber drums, corrugated boxes and fiberboard containers.

Processing: Applied to paper, foil, cellophane, polyester film and other base stocks by conventional extrusion coating processes. The maximum recommended melt temperature is 625°F.

MARPOL® LDC 710 is a high speed, lightweight-coating resin for use with paper, films and other base stocks. This resin can be extrusion coated at line speeds of 1,200 ft/min. or higher.

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Flexibility		
Uses	Coating Applications		
	Foil Coatings		
	Packaging		
	Paper Coatings		
Agency Ratings	FDA 21 CFR 176.170		
	FDA 21 CFR 177.1520		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	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	11.7	MPa	ASTM D638
Tensile Elongation (Break)	230	%	ASTM D638
Flexural Stiffness	215	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ASTM D1525

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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

