

MARPOL® LDF 723-CSB

Low Density Polyethylene
Marco Polo International, Inc.

Message:

MARPOL® LDF 723-CSB is a Low Density Polyethylene product. It is available in Asia Pacific, Europe, Latin America, or North America. Typical application: Food Contact Applications.
Characteristics include:
Antiblock
Food Contact Acceptable
Slip

General Information			
Additive	Antiblock (1200 ppm)		
	Slip (750 ppm)		
Features	Antiblocking		
	Food Contact Acceptable		
	Slip		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.921	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Toughness			ASTM D882
MD	184	J/cm ³	
TD	189	J/cm ³	
Tensile Strength			ASTM D882
MD : Yield	12.0	MPa	
TD : Yield	12.3	MPa	
MD : Break	24.8	MPa	
TD : Break	20.8	MPa	
Tensile Elongation			ASTM D882
MD : Break	520	%	
TD : Break	720	%	
Dart Drop Impact	100	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	560	g	
TD	470	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.2	°C	ASTM D1525

Optical	Nominal Value	Unit	Test Method
Gloss	70		ASTM D2457
Haze	6.0	%	ASTM D1003

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