

MARPOL® LDF 724-SBV

Low Density Polyethylene
Marco Polo International, Inc.

Message:

MARPOL® LDF 724-SBV is a vinyl acetate copolymer resin designed for high clarity film applications. Its low melt index and comonomer content produce films with excellent impact strength, good heat sealability and good low temperature properties.

Recommended Applications

High clarity films, co-extrusion films, foams, form film packaging, seal packaging, produce bags, freezer film, lamination film and poultry bags.

General Information			
Additive	Anti-caking agent (4000 ppm)		
	Sliding agent (1000 ppm)		
Features	Low density		
	Copolymer		
	smoothness		
	Anti-caking property		
	Impact resistance, high		
	Good heat sealability		
	Definition, high		
Uses	Packaging		
	Films		
	Bags		
	Foam		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Vinyl Acetate Content	4.0	wt%	
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD	145	MPa	ASTM D882
TD	1720	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	24.1	MPa	ASTM D882
TD: Fracture	23.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	190	%	ASTM D882
TD: Fracture	580	%	ASTM D882

Dart Drop Impact	170	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	190	g	ASTM D1922
TD	110	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss	69		ASTM D2457
Haze	6.5	%	ASTM D1003

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