

# MARPOL® EVA 6055

Ethylene Vinyl Acetate Copolymer

Marco Polo International, Inc.

## Message:

MARPOL® EVA 6055 is a fractional melt index 6.5% EVA copolymer designed for films requiring excellent toughness and good heat sealing characteristics.

Recommended Applications: Frozen food packaging, fresh food packaging, ice bags, and heavy duty produce bags.

Processing Notes: Melt temperatures of 360° F - 390°F are recommended for this resin.

This resin grade complies with 21 CFR 177.1350. For further information, please contact Product Regulatory Compliance.

General Information			
Features	Food Contact Acceptable		
	Good Heat Seal		
	Good Toughness		
Uses	Bags		
	Film		
	Food Packaging		
	Heavy-duty Bags		
Agency Ratings	FDA 21 CFR 177.1350		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.929	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	0.55	g/10 min	ASTM D1238
Vinyl Acetate Content	6.5	wt%	
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	103	MPa	
1% Secant, TD	110	MPa	
Tensile Strength			ASTM D882
MD : Break	24.1	MPa	
TD : Break	25.5	MPa	
Tensile Elongation			ASTM D882
MD : Break	380	%	
TD : Break	550	%	
Dart Drop Impact	480	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	74		ASTM D2457
Haze	4.8	%	ASTM D1003
Extrusion	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

