

Polene EVA MV1055

Ethylene Vinyl Acetate Copolymer
TPI Polene Public Company Limited

Message:

Polene EVA MV1055 is an Ethylene Vinyl Acetate Copolymer (EVA) material. It is available in Asia Pacific or North America for calendering or injection molding. Primary attribute of Polene EVA MV1055: Low Temperature Resistant.
Typical applications include:
Additive/Masterbatch
Adhesives/Tapes
Consumer Goods
Packaging
Sealing Applications

General Information			
Features	Additive Free		
	Foamable		
	High Elasticity		
	Low Temperature Resistant		
	Medium Flow		
Uses	Adhesives		
	Food Packaging		
	Footwear		
	Masterbatch		
	Seals		
Processing Method	Sheet		
	Calendering		
Injection Molding			
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Vinyl Acetate Content	28.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	28		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	26.0	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2.50	MPa	
Break	23.0	MPa	
Tensile Elongation (Break)	840	%	ASTM D638

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	49.0	°C	ASTM D1525
Peak Melting Temperature	70.0	°C	ASTM D3418

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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

