

Polene EVA N 8038

Ethylene Vinyl Acetate Copolymer
TPI Polene Public Company Limited

Message:

Polene EVA N 8038 is an Ethylene Vinyl Acetate Copolymer (EVA) material. It is available in Asia Pacific or North America for blow molding, calendering, or injection molding. Primary attribute of Polene EVA N 8038: Low Temperature Resistant.
Typical applications include:
Consumer Goods
Food Contact Applications
Sheet

General Information			
Features	Foamable		
	High Elasticity		
	Low Temperature Resistant		
Uses	Footwear		
	Sheet		
	Toys		
Agency Ratings	FDA 21 CFR 177.1350		
Processing Method	Blow Molding		
	Calendering		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	37		DIN 53505
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	4.50	MPa	
Break	24.0	MPa	
Tensile Elongation (Break)	820	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	62.0	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	130 to 180	°C	

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Recommended distributors for this material

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