

Polene EVA N 8045

Ethylene Vinyl Acetate Copolymer
TPI Polene Public Company Limited

Message:

Polene EVA N 8045 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 8045: 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	0.947	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	22.0	wt%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	36		Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	3.50	MPa	
Break	30.0	MPa	
Tensile Elongation (Break)	830	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	58.0	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	130 to 180	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

