

Braskem EVA CN8092

Ethylene Vinyl Acetate Copolymer

Braskem

Message:

CN8092 is an Ethylene-Vinyl Acetate copolymer (EVA) which has a molecular structure that provides easy processability, adhesion, resilience, low hardness and good moisture and gas barrier properties. It is a non-halogen resin with excellent thermal stability, low oligomers content and low influence on organoleptic properties of the products. The rheological properties of this resin allow processability in extrusion equipments for cast and tubular films.

Additives:

Antioxidant

Application:

Base resin for production of compounds for cap liners in carbonated beverages.

Compounds.

Master batches.

General Information			
Additive	Antioxidation		
Features	Moisture resistance		
	Antioxidation		
	Workability, good		
	Good sensory characteristics		
	Good adhesion		
	Thermal stability, good		
	Halogen-free		
	Hardness, low		
Uses	Composite		
	Shield		
	Masterbatch		
Agency Ratings	FDA 21 CFR 177.1350		
Processing Method	Film extrusion		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.934	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Vinyl Acetate Content	15.5	wt%	Internal method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, Molded	91		ASTM D2240
Shore D, Molded	44		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method

Tensile Modulus - 1% Secant (Compression Molded)	72.0	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield, molding	4.70	MPa	ASTM D638
Fracture, molding	17.0	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	720	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	62.0	°C	ASTM D1525 ¹
Peak Melting Temperature	90.0	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Melt Temperature	225	°C	
Extrusion instructions			
Blow Film Extrusion: Melt Temperature: 135 to 150°C Blow Up Ratio: BUR - 2 to 3.1 Die Gap: .8 to 1.0 mm Cast Film Extrusion: Melt Temperature: 205 to 210°C Chill Roll Temperature: 25°C			
NOTE			

1. 压力1 (10N)

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



WECHAT