

Elvax® 460

Ethylene Vinyl Acetate Copolymer

DuPont Packaging & Industrial Polymers

Message:

DuPont™ Elvax® 460 is an ethylene-vinyl acetate copolymer resin for use in industrial applications.

Composition

18 % By Weight Vinyl Acetate comonomer content

Thermal Stabilizer: BHT antioxidant

Applications

Elvax® resins can be used in a variety of applications involving molding, compounding, extrusion, adhesives, sealants, and wax blends. For additional information and properties associated with specific applications, please refer to the Grade Selector Guides found on the Elvax® website for industrial applications. http://www2.dupont.com/Elvax/en_US/tech_info/index.html

General Information			
Additive	Antioxidant		
	Heat Stabilizer		
Features	Antioxidant		
	Copolymer		
	Food Contact Acceptable		
	Heat Stabilized		
Uses	Adhesives		
	Blending		
	Compounding		
	Industrial Applications		
	Sealants		
	Wire Jacketing		
Agency Ratings	FDA 21 CFR 177.1350(a)(1)		
Forms	Pellets		
Processing Method	Blow Molding		
	Compounding		
	Compression Molding		
	Extrusion		
	Foam Processing		
	Injection Molding		
	Sheet Extrusion		
	Structural Foam Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.941	g/cm ³	ASTM D792, ISO 1183

Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	18.0	wt%	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	64.0	°C	ASTM D1525, ISO 306
Peak Melting Temperature	88.0	°C	ASTM D3418, ISO 3146
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 230	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	< 230	°C	

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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

