



Plastics and Resins

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Product Name:	Ethylene-Vinyl Acetate Copolymer (EVA 4.5/0.5)		
Trade Mark:	Sanren Brand		
Alternative Name:	EVA resin		
Molecular formula/Structural Formula:	□		
Production Process:	The Product is made by polymerization of ethylene and vinyl acetate under high temperature and high pressure. The polymer produced is of copolymer type.		
Properties:	The product is a colourless oblate pellet with excellent chemical stability, flexibility and adhesion properties. It possesses certain impact resistance, good stress-fracture resistance and fine light transmittance.		
Grade:			
National Standard Grade:	E/VAC 03-F-D006		
Enterprise Standard Grade:	EVA 4.5/0.5		
Specifications:	Q/SH 012.07.07-1997 EVA Copolymer		
	Item	Unit	Quality Criteria
	Melt flow rate	g/10min	0.5(+0.2)
	Vinyl acetate content	%(m/m)	4.5(+0.5)
	Tensile strength(longitudinal/lateral)	MPa>=	18.7/17.7
Scope of Application:	Film modifier		
Major Applications:			
Process Method:	Blow moulding		
Packing:	Heavy-duty PE bag as inner packaging and PP woven bag as outer packaging; or use plastics coated PP woven bag. Each bag has a net weight of 25kg.		
Packing Size:	Converted dimension 550mm×850mm or big package		
Storage:	The product should be stored in a dry, well ventilated warehouse. To avoid direct sunlight, the product should not be stored in the open air.		
Transportation:	By means of truck, vessel or train. During transportation the product should not be exposed to the sunlight and rain. Neither should the product be mixed with contaminants. There should be no heavy bump or unloading by throwing the bags.		
Safety Precautions:	1. Be away from fire and heat sources. 2. Should not be stored or transported together with chemicals and inflammables. 3. Warehouse must be equipped with extinguishers or fire-fighting device. 4. Water, carbon dioxide, dry powder or 1211 can be used as extinguishers for the product.		

