

## Ethylene-Vinyl Acetate Copolymer SVT2145R

**Description:**

SVT2145R is a resin based on ethylene-vinyl acetate copolymer. The product is easily cross-linkable and also shows high compatibility with other thermoplastics resins, inorganic fillers and pigments. Compositions with SVT2145R show high flexibility and fatigue resistance. Cross-linked compound has outstanding abrasion resistance and has a high friction coefficient.

The minimum biobased carbon content of this grade is 45%, determined according to ASTM D6866.

**Application:**

Midsole, unisole, insole and flip flop sandals  
 Compounds for Injection of Auto Parts  
 Automotives profiles (sealing system)  
 Rotomolded products

**Additives:**

Antioxidant

**Processes:**

Compression Molding, General extrusion., Injection molding

**Control Properties:**

Characteristic	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	ASTM D 1238	g/10 min	2.1
Vinyl-Acetate Content	Braskem (1)	%	14

**Typical Properties - EVA:**

Plaque Properties (a)

Characteristic	Method	Units	Values
Density	D 1505 / D 792	g/cm <sup>3</sup>	0.913
Hardness	D 2240	Shore A / D	79

(1) Braskem test method available for customers. (a) Test specimens prepared from compression molded plate according to ASTM D 4703. (b) Compression molded 2 mm thickness, 0.3 mm notched-plaques; 100% Igepal; 50°C.

**Final Remarks:**

- The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
- For regulatory information of the product, please refer to Regulatory Document or contact our Technical Assistance Area.
- For information about safety, handling, individual protection, first aids and waste disposal, please refer to MSDS.
- The mentioned values in this report can be changed at any moment without Braskem previous communication.