

Ethylene Vinyl Acetate Aramco EVA A1825

Product Description

Aramco EVA A1825 is a heat stabilized ethylene vinyl acetate resin with good process ability, low temperature resistance, toughness and elastic behavior.

Typical Applications

Cushioning materials for shoes, thermal insulation.

Physical properties	Unit	Test Method	Value ⁽¹⁾
Melt Flow Rate (190°C/2.16kg)	g/10min	ASTM D1238	2.5
Vinyl Acetate Content	wt%	ISO 8985	18
Mechanical Properties ⁽²⁾			
Tensile Strength at Break ⁽³⁾	MPa	Petro Rabigh Method	20
Tensile Elongation at Break ⁽³⁾	%	Petro Rabigh Method	800
Stiffness	MPa	ASTM D747	34
Durometer Hardness	Shore D	ASTM D2240	38
Thermal Properties			
Vicat Softening Point ⁽²⁾	°C	ASTM D1525	59
Melting Point	°C	Petro Rabigh Method	86

(1) Typical values only, not to be construed as specification limits

(2) Test specimen preparation method: compression

(3) Test speed: 200mm/min

Processing conditions: Typical processing temperature is 150 - 180 °C.

Storage and handling: Aramco EVA A1825 should be stored in a dry and cool place with an adequate ventilation and shall be protected from UV-light at a temperature below 50 °C.

Regulations: Detailed information is provided in Safety Data Sheet and for additional specific information, please contact Saudi Aramco Products Trading Company for certificates.

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