



# SABIC® EVA 2518DF

EHTYLENE-VINYL ACETATE

## DESCRIPTION

SABIC EVA 2518DF is designed for foaming applications with low temperature resistance and excellent process ability and elastic behavior. It contains 18% ethylene vinyl acetate copolymer resin with good loading properties with many fillers. SABIC EVA 2518DF contains thermal stabilizer. It does not contain any anti-block nor slip agent. The product is manufactured via autoclave process. **To buy, visit us at [www.jitsy.in](http://www.jitsy.in)**

## TYPICAL APPLICATIONS

- o Foam (footwear, sports, and leisure), thermal insulation, and sealants
- o Toys

## TYPICAL PROPERTY VALUES

Revision 20220704

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PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
@ 2.16kg	2.5	g/10 min	ISO 1133
<b>VA Content</b>			
Vinyl content	18	wt%	ISO 8985
<b>MECHANICAL PROPERTIES <sup>(1)</sup></b>			
<b>Tensile Strength at Break <sup>(2)</sup></b>	20	MPa	ASTM D638
<b>Tensile Elongation at Break <sup>(2)</sup></b>	800	%	ASTM D638
<b>Durometer Hardness</b>			
Durometer Hardness (D)	38	D	ASTM D2240
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>			
Vicat Softening Temperature*1 @10N	59	°C	ASTM D1525
<b>Melting Temperature</b>			
Melting Point	86	°C	SABIC method

(1) Test specimen preparation method: compression

(2) Test Speed 500 mm/min

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## PROCESSING CONDITIONS

Typical processing temperature: 150 - 180 °C.

## STORAGE AND HANDLING

SABIC EVA 2518DF should be stored in a dry and cool place with an adequate ventilation and Storage and shall be protected from UV-light at a temperature below 50 °C. It is advisable to process polyethylene resins within 6 months after the delivery.



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