



## FUSABOND™ UA-514D

### Functional Polymer

#### General Information

**Product Description** FUSABOND™ UA-514D is an ethylene based copolymer containing acid functionality. It can be utilized as a modifier for EVA (ethylene/vinyl acetate copolymer)-based crosslinked, compression molded foams, the product provides a unique balance of low density, resilience, and bonding performance.

#### Status

**Restrictions** Customer Restricted

**Material Status** Commercial: Active

#### Typical Characteristics

**Uses** Foam; Polymer Modifier

**Composition** By Weight  
Proprietary

#### Typical Properties

Physical	Nominal Values	Test Method(s)	
*Density ( )	0.93 g/cm <sup>3</sup>	ASTM D792	ISO 1183
*Melt Flow Index ( 190°C/2.16kg)	2.5 g/10 min	ASTM D1238	ISO 1133
Thermal	Nominal Values	Test Method(s)	
*Melting Point ( DSC)	101 °C ( 213.8 °F )	ASTM D3418	ISO 3146
Freezing Point ( DSC)	83 °C ( 181.4 °F )	ASTM D3418	ISO 3146
Vicat Softening Point ( )	81 °C ( 177.8 °F )	ASTM D1525	ISO 306

#### Processing Information

\*Maximum Processing Temperature 310 °C ( 590 °F )

**General Processing Information** FUSABOND™ UA-514D is normally processed on conventional equipment used to produce compression molded foam products, i.e. Banbury mixers, mills, and molding presses. Because of the acid content, compounds modified with these products tend to stick to metal more than standard EVA compounds. Proper selection of release aid and blowing agent, as well as attention to process conditions are important to achieving optimum properties with these modifiers.

#### Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please refer to the Material Safety Data Sheet..

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your Dow Packaging and Industrial Polymers representative.

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<https://www.dow.com/en-us/support/product-safety.html>

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[http://www.dow.com/products\\_services](http://www.dow.com/products_services)

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**P&SP Disclaimer**

**Additional Information**

To contact Dow via Toll-Free or Local Toll phone numbers in specific countries, please see the following webpage:

<https://www.dow.com/en-us/support/contact-representative.html>

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