

Ultrathene

# UE650028

## Preliminary Data Sheet

Ethylene Vinyl Acetate Copolymer

Equivalent Melt Index 3.0 Vinyl Acetate Content 12%



### Applications

*Ultrathene* UE650028 is an EVA copolymer with excellent flexibility and low temperature properties.

### Regulatory Status

UE650028 meets the requirements of the Food and Drug Administration regulations 21 CFR 177.1350 and 21 CFR 175.105. These regulations (respectively) allow for the use of this material as articles or components of articles which are "...intended for use in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting or holding food..." and as an adhesive which "...may be safely used as components of articles intended for use in packaging, transporting or holding food." Specific limitations or conditions of use may apply. Please contact your Equistar sales representative for more information regarding the suitability of specific products for specific applications.

### Processing Techniques

The maximum recommended melt temperature for UE650028 is 430°F (221°C). Specific recommendations for processing UE650028 can be made only when the processing conditions, equipment and end use are known. For further suggestions, please contact your Equistar sales representative.

### Typical Properties

Property	Nominal Value	Units	ASTM Test
Equivalent Melt Index <sup>1</sup>	3.0	g/10 min	D 1238
Vinyl Acetate Content	12	%	
DSC Melting Point	91	°C	D 1505
Vicat Softening Point	69	°C	D 1525

<sup>1</sup> The melt index figures are equivalent values correlated from the Melt Flow Rates obtained with ASTM D 1238.