



# SiBrid® EDEB-211

## Technical Data Sheet

<b>Product Name:</b>	SiBrid® POLYETHYLENE/ DIMETHICONE Block Copolymer
<b>Product Code:</b>	EDEB-211
<b>INCI Name:</b>	Bis-(C24-30 Alkyl/Butyl) Dimethicone
<b>CAS #:</b>	1283601-17-1
<b>EINECS #</b>	N/A (polymer)

EDEB-211 is a diblock copolymer of ethylene and polydimethylsiloxane. EDEB-211 is effective in compatibilizing hydrocarbon and silicone materials. It is a solid low melt-point material. This product offers the smoothness of paraffins without the waxy feel. When added to many organic and hydrocarbon systems, it reduces tack and increases slip. At higher levels, it can form a barrier to moisture transmission.

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### TYPICAL PROPERTIES:

#### Test

**Appearance:**  
**Odor:**  
**Pour Point:**  
**Viscosity:**

#### Parameter

Clear to pale amber liquid  
Slight, characteristic  
18-19°C  
45 cPs @ 25°C

Note: The values above are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.

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### Solubility

Dimethicone/10cSt	S (hot)	Octyldodecyl Stearate	S
Cyclopentasiloxane	S (hot)	Octyldodecyl	S
Stearyl Methicone	S	Triisostearyl Citrate	S
Hydrogenated Polydecene	S	Ethylhexyl Palmitate	S
10% Microcrystalline Wax	S	Castor Oil	I
Ceresin	S		

#### **Storage:**

SiBrid® EDEB-211 should be stored between 5-30°C in the original container closed tightly.