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SiBrid® EDEB-211

Technical Data Sheet

Product Name: SiBrid® POLYETHYLENE/DIMETHICONE block copolymer
Product Code: EDEB-211
INCI Name: Bis-(C24-30 Alkyl/Butyl) Dimethicone
CAS #: 1283601-17-1
EINECS # N/A; polymer
Date Issued 3/9/12
Revision Number: 1

Description:

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. They offer the smoothness of paraffins without the waxy feel. When added to many organic and hydrocarbon systems they reduce tack and increase slip. At higher levels they can form barriers to moisture transmission.

Typical Properties

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

Test

Appearance
Odor
Pour Point
Viscosity

Parameter

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

Solubility

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

Storage

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