



Jeenate[®] 5H

Build Your Ideal Formulation with Jeenate[®] Structurants[™] Polyethylene

Jeenate[®] 5H is one of the products in our linear polyethylene Jeenate[®] Structurants[™] product line, developed to provide hardness and crystalline structure to most traditional cosmetic oils, including volatile silicones in stick formulations. The crystalline nature of **Jeenate[®] 5H** will enhance the high temperature stability of cosmetic stick formulations while providing a smooth lubricous hydrophobic film. **Jeenate[®] 5H** will also increase the viscosity of the oil phase to improve high temperature stability and aid in the overall product substantivity. The hydrophobic nature of **Jeenate[®] 5H** will aid in film integrity, substantivity and conditioning properties. At low percentages, **Jeenate[®] 5H** will provide a light feel and enhanced film formation for sun care or active delivery, as well as enhance the stability profile.

Combinations of **Jeenate[®] 4H** along with **Jeenate[®] 5H** will provide an optimum combination for all your stick applications.



KEY BENEFITS:

- Improve hardness and crystalline structure
- Reduces oil bleed
- Enhances film formation for color retention
- Improves emulsion stability
- Exceptional structuring agent for stick applications

Typical Properties		
Appearance	Pastilles / Prills	
Color	White	
Drop melting point (°C)	82.00 - 94.0	
Viscosity @ 210°F, cps	5.0 - 15.0	
Penetration, 100G, 5 SEC@ 77°F	3.0 - 8.0	
Recommended use levels	Hair care	0.25 - 2.0%
	Body care	0.25 - 2.0%
	Skin care	2.0 - 10.0%
	Color cosmetics	0.25 - 2.0%

JEENATE® 5H 5% Addition	
Mineral Oil	C
Castor Oil	C
Cyclomethicone	C
Phenyl Trimethicone	C
Isododecane	C
Octyl Palmitate	C

C = Compatible



PRODUCT APPLICATIONS:

- Lipsticks
- Foundation Make Up Sticks
- Liquid Foundations
- Mascara
- Hair Care Lotions and Conditioners

Please contact your JEEN Representative or visit our website at www.JEEN.com to learn more about our products, our technologies and how we can help you reduce your carbon footprint and produce a greener product.

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