



Jeenate[®] 3H

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

Jeenate[®] 3H is one of the products in our linear polyethylene Jeenate[®] Structurants[™] product line, developed to improve the overall hardness and crystallinity in any formulation, from sticks to luxurious creams. It is a polyethylene wax that contains a unique predominantly linear hydrocarbon distribution with a very low concentration of branched polyethylene. **Jeenate[®] 3H** is predominantly C-30 or greater with low levels of C-26 and smaller hydrocarbons. With a melting point of less than 70°C, this unique carbon distribution allows the formulator to increase the overall crystalline structure of oils. This low melting polyethylene adds thickness and structure to your oil phase. Moreover, because of the linear nature of the polyethylene, **Jeenate[®] 3H** is very effective at increasing the viscosity of oils to aid in emulsion stabilization. The hydrophobic nature of the **Jeenate[®] 3H** will aid in film integrity, substantivity and conditioning.

Jeenate[®] 3H provides a light feel and enhanced film formation for sun care or active delivery. Ideal in any hot pour application or as a secondary structuring agent for a stick, it adds improved soft feel and 'payout'. Small percentages can be used to enhance stability in any emulsion. A 'Cold Process Wax' version of this ingredient exists as Jeesperse[®] CPW-3.



KEY BENEFITS:

- Improve hardness and crystalline structure
- Reduces oil bleed
- Enhances film formation for color retention
- Improves emulsion stability

Typical Properties		
Appearance	Pastilles	
Color	White	
Odor	Slight	
Melting point (°C)	66.00 - 73.0	
Recommended use levels	Hair care	0.5 - 3.0%
	Body care	1.0 - 3.0%
	Skin care	3.0 - 10.0%
	Color cosmetics	0.5 - 3.0%



PRODUCT APPLICATIONS:

- Lipsticks
- Foundation Make Up Sticks
- Liquid Foundations
- Mascara
- Sunscreen Lotions and Creams
- Moisturizing Skin Creams and Lotions
- Hair Care Lotions and Conditioners

Please contact your JEEN Representative or visit our website at www.JEEN.com to learn more.

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