

Acrylic copolymer

Technical Data Sheet

Product Name : Vesmody® S105

TDS NO. : WHSM_S105

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Product Description

Vesmody® S105 is a type of acrylic copolymer spheric particle, which can be used as matting agent in waterborne industry coatings replacing traditional silicone dioxide or wax. It can provide the best chemical resistance, transparency and hand feeling. It contains no solvent, APEO, formaldehyde and its derivative.

Properties

1. Fine particle size and narrow size distribution
2. Excellent chemical resistance
3. Excellent film transparency
4. Good anti-blocking and scratch resistance.

Characteristics Data*

Property	Value	Unit	Method
Appearance	White humid powder		
Weight solid	69-71	wt%	WHPU/T011-571-2017
Average particle size	5	um	
Specific gravity	1.19	g/cm ³	GB/T4472-2011

*Property values represent typical results only and are not to be considered as specifications, subject to specific COA.

Storage

The product should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after more than 6 months. The product should be protected from freezing during storage. After opening the packing, it is suggested to use up one time.

Disclaimer: Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a

Vesmodity[®] S105



representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.

This is a trial product. Further information may be compiled in the future. Commercialization and continued supply of this material are not assured.