

Hydrosize[®] PA845H

BRAND FAMILY OVERVIEW Our Hydrosize[®] line of products includes sizing solutions designed for use in the manufacturing of glass fiber, carbon fiber and natural fiber, including both chopped and continuous formats of those fibers. These are in turn used to manufacture composite products and components.

USAGE Developed to be used as a carbon fiber sizing for high temperature applications, it also provides adhesion to various olefinic surfaces.

DESCRIPTION Polyamide dispersion

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

| Market | Properties Imparted |
|--------------------|---|
| Cable & Cordage | <i>adhesion promotion</i> |
| Fiber Sizing | <i>chopped strands, continuous fiber, thermal stability</i> |
| Technical Textiles | <i>adhesion promotion, binder, thermal stability</i> |

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

| | |
|--------------------------------|--------------|
| Appearance: | White liquid |
| Solids Type: | Polyamide |
| Emulsifier Charge: | Anionic |
| Non-Volatile (%) : | 28.0 - 32.0 |
| pH: | 10.0 - 11.4 |
| Recommended pH of your system: | > 7.0 |
| Brookfield Viscosity (cps) : | 0 - 500 |
| Spindle Number: | 3 |
| RPM: | 60 |

SITE OF MANUFACTURE USA (PA845H)
(and PRODUCT CODE)

APPLICATION DATA Hydrosize[®] PA845H can be applied via rod, air knife, gravure, spray and blade.

STORAGE Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

Hydrosize® PA845H

HANDLING Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

Revised 04 June 2021

The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

Americas

Michelman Inc.
Tel: +1 513 793 7766
Fax: +1 513 793 2504

China

Michelman New Material
(Shanghai) Co., Ltd.
Tel: +86 21 3810 3800
Fax: +86 21 3810 3811

India

Michelman Private Limited
Tel: +91 22 6221 3800
Fax: +91 22 6221 3801/02

Japan

Michelman Japan LLC
Tel: +81 03 45 70 64 08
Fax: +81 03 45 80 74 66

Luxembourg

Michelman International SARL
Tel: +352 26 39 44 1
Fax: +352 26 39 44 80

Singapore

Michelman Asia-Pacific Pte. Ltd.
Tel: +65 6861 2822
Fax: +65 6861 2262

The facts stated and the recommendations contained herein are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application for our products nor anticipate every variation encountered in manufacturing equipment and methods. The products discussed are sold without warranty, express or implied and Seller disclaims any warranty of merchantability or fitness for a particular purpose in connection with the purchase of its products. It is recommended that purchasers conduct their own tests to determine the suitability of such products for their particular purpose. Seller shall not be liable for any injury, loss or damage, direct or consequential arising out of the use of or the inability to use the product. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent and our products are sold without warranty of non-infringement.

© 2024 MICHELMAN, INC. All rights reserved. ® Reg. U.S. Pat. TM Off.

All marks contained herein are registered or owned by Michelman, Inc.

Michelman is ISO 9001:2015 certified.