

Technical Data Sheet  
■ **Hydrosize® U5-01**

---

**USAGE** Hydrosize® U5-01 is a specialty coating and fiber sizing which offers improved thermal stability, higher strength and elongation to break

.....  
**DESCRIPTION** Polyurethane dispersion

.....  
**PHYSICAL PROPERTIES**

Appearance:	Milky white liquid
Emulsifier Charge:	Amine dispersed
Solids Type:	Polyurethane
Non-Volatile (%):	55.0 - 59.0
Brookfield Viscosity (cps):	50 - 1000
Spindle Number:	3
RPM:	60
pH:	6.5 - 8.5
Specific Gravity (g/cm <sup>3</sup> ):	1.00 - 1.15

Technical Data Sheet  
■ **Hydrosize® U5-01**

---

.....  
Revised 4/23/2010

---

<b>Michelman, Inc.</b>	9080 Shell Road, Cincinnati, Ohio 45236-1299 USA Tel: +1 513 793 7766 Fax: +1 513 793 2504
<b>Michelman SARL</b>	89D Rue Pafebruch, L - 8308 Capellen Grand-Duché de Luxembourg Tel: +352 26 39 44 1 Fax: +352 26 39 44 80
<b>Michelman Asia-Pacific Pte. Ltd.</b>	2A Tuas Avenue 12, Singapore 639023 Tel: +65 6861 2822 Fax: +65 6861 2262
<b>China Inquiries: Michelman Asia, Inc.</b>	Office 3042, Central Place, No. 16 Henan Road South, Shanghai, China 200002 Tel: +86 21 6120 4404 Fax: +86 21 6374 3778

---

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. For the same reason, the products discussed are sold without warranty, express or implied and on the condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes. 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. © 2010 MICHELMAN, INC. All rights reserved.

All marks contained herein are registered or owned by Michelman, Inc.  
Michelman is ISO 9000 certified.

---