

XIAMETER[®] MEM-0062 Emulsion PS

Silicone emulsion designed for use in heatset web offset printing

FEATURES

- Good emulsion stability
- Water dilutable
- Low surface tension provides good wetting of application roll

BENEFITS

- Reduce streaking, marring, and static
- Reduce downtime, waste, and static in cutting, folding, slitting, and stacking
- XIAMETER[®] MEM-0062 Emulsion PS contains an antistat, eliminating or reducing the need for costly commercial antistats
- Emulsions contain rust inhibitors which improve corrosion resistance of metal surfaces
- Improve final product gloss

APPLICATIONS

- Web release in printing applications.
- This product should not be used for personal care applications.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER[®] sales representative prior to writing specifications on this product.

| CTM* | Test | Unit | Value |
|--------|-------------------------|------|-------------|
| 0176 | Appearance | | Milky White |
| 0862 | Active Content | % | 55 |
| 1100 G | Specific gravity @ 77°F | | 0.99 |
| 0007 | pH | | 10.0 |
| | Emulsifier type | | Non-ionic |
| | Diluent | | Water |

*CTM: Corporate Test Method, copies of CTMs are available on request.

DESCRIPTION

XIAMETER MEM-0062 Emulsion PS is a silicone emulsion designed to optimize production in heatset web offset printing. The heat stable films provided by this emulsion reduce streaking, marring, and static during printing operations.

is best determined by trial and error. However, the dilution chart in Table 1 provides a starting point. Increase or decrease the level of XIAMETER MEM-0062 Emulsion PS to optimize performance.

HOW TO USE

XIAMETER MEM-0062 Emulsion PS is typically applied to the web by standard silicone applicators available from several manufacturers.

The rate of application to the web can be adjusted by altering the concentration of the solution or by changing the speed of the applicator. Either solution concentrate can alternatively be metered into a central distribution system.

XIAMETER MEM-0062 Emulsion PS is provided in concentrated form and require water dilution for use. The optimum concentration for any given set of printing conditions – for instance, type of paper, press speed, temperature, or humidity –

XIAMETER MEM-0062 Emulsion PS has good stability in storage and dilutions. As with any emulsion, however, it is good practice to roll or agitate the drum prior to dilution, and to keep the dilute emulsion gently agitated to assure retention of uniform dispersion.

Table 1: Recommended Dilution Ratio

| Product | Dilution Ratio |
|-------------------------------|-----------------------------------|
| XIAMETER MEM-0062 Emulsion PS | 1 part emulsion to 25 parts water |

PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER® WEB SITE AT WWW.XIAMETER.COM.

STORAGE

Product should be stored at or below 50°C (122°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site in the Product Detail page under Sales Specification.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

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