

ENCOR[®] DM166

Styrene Acrylic Latex for General Purpose Metal Coatings

Product Benefits

The ENCOR[®] DM latex series offers coating formulators a wide range of latex performance choices for metal-coating application. The latexes can be formulated into light industrial top coats and primers as well as direct-to-metal (DTM) applications.

ENCOR[®] DM166 latex is a styrene-acrylic binder for maintenance and general metal applications. For topcoat application, it provides full gloss potential and excellent flow and leveling characteristics.

Polymer Design

- Styrene acrylic polymer

Performance Benefits

- Can be formulated into economical gloss topcoats for industrial metal applications
- Shows good gloss and block characteristics
- Exhibits excellent pigment binding properties
- Low coalescent demand; can be formulated at 150 g/L VOC

Typical Polymer Properties¹

Total Solids, % by weight	41.0
Viscosity, cP	250
pH	7.5
Minimum Filming Temperature, °C	27
Glass Transition Temperature, midpoint, °C	37
Particle Size, μm	0.09
Latex Weight, lb/gallon	8.6

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

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Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: www.arkemacoatingresins.com

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand, and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 4-40°C.



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