

TECHNICAL DATA SHEET

ENCOR[®] DM 166

Acrylic dispersion

PRODUCT APPLICATION DETAILS

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.

SALES SPECIFICATIONS

	CHARACTERISTICS	METHODS
Solid content (by weight)	42 %	-
pH	7,5	-
Viscosity (Brookfield)	600 cP	-

OTHER CHARACTERISTICS¹

	CHARACTERISTICS	METHODS
Minimum film formation temperature	31 °C	-
Glass transition temperature (midpoint)	46 °C	-
Density	8.6 lbs/gal	-
Average particle size	0.1 microns	-

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

MARKETS

- Coatings & Inks
- Industrial Coating

PERFORMANCE BENEFITS

- Can be formulated into direct-to-metal coatings, topcoats, and primers
- Shows excellent gloss development and block resistance characteristics
- Exhibits excellent water resistance
- Offers adhesion to a variety of substrates
- Offers good solvent, humidity, and corrosion resistance

ENCOR[®] DM 166

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

ENCOR[®] DM 166 - When storing and handling follow procedures 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 40 to 90 °F (4 -32 °C). Packaged material should be stored indoors in a dry place in the original unopened and undamaged container. Exposure to direct sunlight should be avoided. The product is protected to prevent microbial deterioration during normal storage conditions; however, care should be taken to avoid accidental contamination during subsequent handling and processing. Bulk storage and handling practices are described in the Arkema Latex Storage and Handling Guide. For a copy of this guide contact Arkema.

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