

Hycar® 27005 Acrylic Emulsion

Formaldehyde Free Acrylic Polymer

Hycar® 27005 is a waterborne, self-crosslinking, formaldehyde free* acrylic emulsion that provides outstanding dry and wet physical properties when used as a binder for saturation or coating applications.

FEATURES AND BENEFITS

- Heat Reactive
- Hydrophobic
- Low Foaming
- Scrub Resistance
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	46.5-49.5
Brookfield Viscosity (cps)	10-250
Density (lb/gal @ 25 °C)	1.05
Freeze/Thaw Stability	Protect from Freezing
MFFT (°C)	+50
Tg (°C)	+53
pH Value	2.5-4.5

REGULATORY

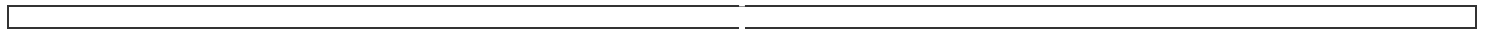
- APEO-Free¹
- Formaldehyde-Free¹
- Low VOC⁴

¹Not intentionally added to the composition of this product

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Engineered Paper
- Fiberglass Media
- Filtration Media
- General Paper & Nonwovens



AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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