

**Hycar® 27005**

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
pH Value	2.5-4.5
Tg (°C)	+53

**REGULATORY**

- APEO-Free<sup>1</sup>
- Formaldehyde-Free<sup>1</sup>
- Low VOC<sup>4</sup>

<sup>1</sup>Not intentionally added to the composition of this product

<sup>4</sup>Suitable 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](http://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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