

ENCOR® 379G

Vinyl Acrylic Latex Offering Outstanding Scrub and Exterior Durability in Architectural Coatings

Product Benefits

ENCOR® 379G latex is a high molecular weight polymer that delivers very high scrub resistance and durability in both interior and exterior architectural coatings. This polymer combines high molecular weight with an optimized glass transition temperature to produce flexible films with excellent grain crack resistance and long-term durability.

ENCOR® 379G latex offers excellent pigment binding performance which allows formulation of coatings over a wide range of pigment volume concentrations. This results in coatings with good hiding and gloss in semigloss finishes and excellent scrub and stain resistance in flats. The polymer shows excellent thickening performance with cellulosic or associative thickener systems.

Incorporation of non-VOC coalescing solvents allows the coatings formulator to meet a variety of (0-250 g/L) VOC targets.

Polymer Design

- Vinyl Acrylic
- Low residual monomer content
- No added formaldehyde or formaldehyde donors¹

Performance Benefits

- Very high scrub resistance
- Excellent exterior durability
- Excellent chalk resistance

Typical Polymer Properties²

Total Solids, % by weight	55
Weight per Gallon, lb	9.0
pH Value	5.0
Particle Size, microns	0.30
Viscosity, Brookfield cP	500
Minimum Filming Temperature, °C	12
Glass Transition Temperature, °C	19

¹Formaldehyde is a trace material in our environment, and there is no accepted regulatory or common definition of "formaldehyde-free."

²The 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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