

Hydrosize® Carbon 310

BRAND FAMILY OVERVIEW Hydrosize® Carbon film forming dispersions optimize the surface chemistry of reinforcement fibers that are integral to high performance carbon fiber composites. This series of grades offers a wide variety of solutions depending on the resin compatibility, fiber type, and desired composite performance.

USAGE An APE free carbon fiber sizing formulated for polycarbonates and polycarbonate blends providing good chemical resistance and interfacial adhesion.

DESCRIPTION Phenoxy dispersion

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

Market	Properties Imparted
Fiber Sizing	<i>chopped strands, elevated thermal performance, PC compatible, strand integrity, thermal stability</i>

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

Appearance:	Milky white liquid
Solids Type:	Phenoxy Dispersion
Emulsifier Charge:	Anionic / Nonionic
Non-Volatile (%):	30.0 - 33.0
pH:	7.0 - 9.0
Recommended pH of your system:	> 5.0
Brookfield Viscosity (cps):	0 - 4000
Spindle Number:	4
RPM:	60

STORAGE Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

HANDLING Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash before reuse.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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