

# Hydrosize® Carbon 260

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**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** A polymer sizing for fiber reinforced continuous nylon composites providing excellent strand integrity, good mechanical performance and thermal resistance.

**DESCRIPTION** Polyurethane dispersion

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

Market	Properties Imparted
Fiber Sizing	<i>continuous fiber, mechanical performance, PA compatible, PET/PBT compatible, strand integrity, thermal stability</i>

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

Appearance:	Cloudy solution
Solids Type:	Polyurethane
Emulsifier Charge:	Anionic / Nonionic
Non-Volatile (%) :	28.0 - 32.0
pH:	7.0 - 11.0
Recommended pH of your system:	> 3.0
Brookfield Viscosity (cps) :	25 - 5000
Spindle Number:	4
RPM:	60

**APPLICATION DATA** This product may be applied by dip, rod, air knife, gravure, spray and blade applicators. Product should be mixed well prior to use.

**STORAGE** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

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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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