

HASTILITE NANO-SiC 100

BC16100, BC16100nNS, BC16100P

Hastilite Nano-SiC 100 is an aqueous slurry of hexagonal SiC crystals. This abrasive has outstanding hardness to maximize cutting rates, while minimizing subsurface damage on work pieces. The chemical inertness to most acids and bases, in combination with its heat and abrasion resistance, makes **Hastilite Nano-SiC** very suitable under extreme polishing conditions.

APPLICATION

Hastilite Nano-SiC can be used with silicon, sapphire, and SiC wafers. It is also suitable for other ceramic based substrates. For pad polishing, dilute **Hastilite Nano-SiC** 1:2 ½ in water. For pitch polishing, dilute **Hastilite Nano-SiC** 1:5 in water.

BENEFITS

- Extreme pH, temperature, and heat resistance
- Used in water and emulsion chemistries
- Wide variety of applications

PHYSICAL CHARACTERISTICS

TEST	HASTILITE NANO-SiC 100
pH	8 - 10
% Solids	15 - 20
SiC Content (%)	50 +
Suspension Properties	Partial
Particle Size D ₅₀ (µm)	0.110 - 0.140
Particle Size D ₉₉ (µm)	< 0.389

AVAILABILITY

1 Gallon, 1 Liter, 1 Pint