

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	47220
<b>Product</b>	<b>Silicon carbide nanopowder (beta) (40 nm)</b>
<b>CAS Number</b>	409-21-2
<b>Molecular Formula</b>	SiC
<b>Molecular Weight</b>	40.10

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<b>Appearance</b>	Greyish white powder
<b>Density</b>	Bulk density 0.03 - 0.06 g/cm <sup>3</sup> , True density 3.216 g/cm <sup>3</sup>
<b>Mesh Size</b>	APS 44 nm, SSA 15~35 m <sup>2</sup> /g
<b>Related Substances</b>	Cu : ≤ 110 ppm, Fe : ≤ 110 ppm, Cr : ≤ 95 ppm, Ni : ≤ 116 ppm, Co : ≤ 80 ppm, Zn : ≤ 73 ppm, Al : ≤ 160 ppm, Mg : ≤ 60 ppm, V : ≤ 50 ppm, Na : ≤ 50 ppm, W : ≤ 50 ppm
<b>Purity</b>	≥ 99% (Trace metals basis)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**