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**Product Information – SiCORE-Carboxyl**

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Product:	<b>SiCORE-Carboxyl</b>
Article Number:	6402-1 (1 ml); 6402-5 (5 ml)
Description:	Aqueous dispersion of silica particles
Application:	-
Lot Number:	
Production Date:	
Weight of Volume:	50 mg/ml
Matrix:	Silica, high-porous
Size (hydrodynamic diameter):	1.0 $\mu\text{m}$
Number of Particles:	$\sim 1.8 \times 10^{12}/\text{g}$
Surface Area:	$\sim 100 \text{ m}^2/\text{g}$
Density:	$\sim 2,25 \text{ g}/\text{cm}^3$
Functional Group:	Carboxyl (-COOH)
Carboxylation Degree:	$\sim 850 \mu\text{mol COOH}/\text{g}$
Autoclaved:	Yes
Storage Buffer / Solution:	ddH <sub>2</sub> O
Storage:	At 4 – 8 °C. <b>Do not freeze!</b>
Expiry Date:	Two years after production date
<b>Note:</b>	<b>For complete resuspension vortex thoroughly!</b>

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