MILLED
CARBON FIBER POWDER

QUICK FACTS

Product: Milled Carbon Fiber Powder
Stock No: NS6130-05-563
CAS: 99685-96-8
Color: Black
Form: Powder

tensile strength and isotropic orientation of milled carbon fibres also reduces shrinkage and distortion in cast or laminated composite materials. Milled carbon fibres can be used to thermoplastics and thermosets for the injection moulding and cold casting or vacuum casting applications respectively. Milled carbon fibres can be mixed into paints, resins and other materials. This is used to make them electrically conductive or anti-static. Polymers containing milled carbon fibre can be engineered for resistivity from anti-static, through static dissipative to conductive. It only depends on the fibre content.

APPLIEDS

✓ Paints ✓ Automobile
✓ Resins ✓ Marine Application
✓ Aerospace ✓ Sports Goods
✓ Defense
✓ Nuclear Technology

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9779238252

ISO 9001:2015
CERTIFIED COMPANY
Additional Powder Characteristics

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Purity</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS6130-05-563</td>
<td>&gt;95%</td>
<td>6-8μm</td>
</tr>
</tbody>
</table>

Technical Specification

<table>
<thead>
<tr>
<th></th>
<th>Density</th>
<th>Thermal conductivity</th>
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</thead>
<tbody>
<tr>
<td>Length &lt;150μm</td>
<td>1.76 g/cm³</td>
<td>5-10 W/m/K</td>
</tr>
</tbody>
</table>

Properties

✓ CAS No.: 99685-96-8

Chemical Composition

<table>
<thead>
<tr>
<th>Product</th>
<th>Weight Percent (nominal)</th>
<th>Other Metal</th>
</tr>
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<tbody>
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<td>Milled Carbon Fiber Powder</td>
<td>&gt;95%</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information and Stock Availability

✓ Product: Milled Carbon Fiber Powder
✓ Stock Availability: Available
✓ Distribution: Global
✓ Packing Sizes: 25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders

Handling Recommendations

✓ Store in the original container in a dry location.
✓ Tumble contents prior to use to prevent segregation.
✓ Open containers should be stored in a drying oven to prevent moisture pickup.

Safety Recommendations

Download MSDS/SDS NS6130-05-563
are available from the Nanoshel Website at
https://www.nanoshel.com/product/milled-carbon-fiber-powder