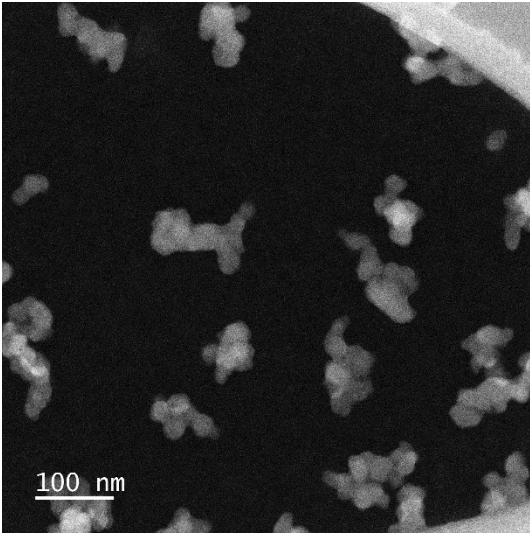
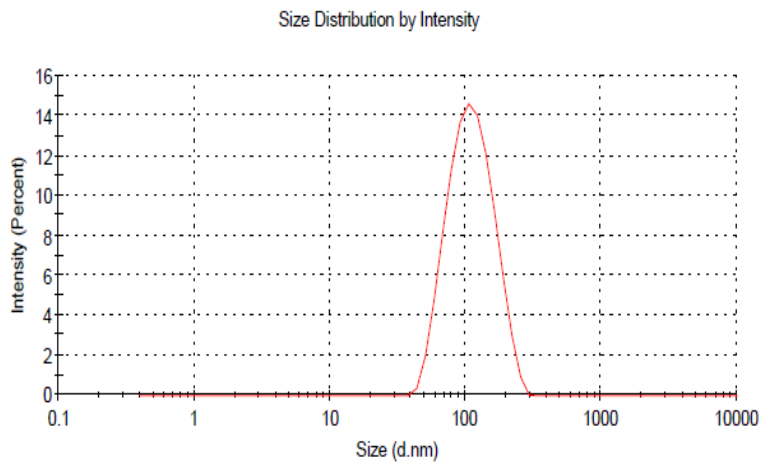


Metalon® JR-001 Carbon Dispersion

Metalon JR-001 Carbon Dispersion is an economical dispersion of conductive carbon nanoparticles in water. The carbon black nanoparticles are stabilized with a polymeric dispersing agent at a loading of 50 pph. The dispersion is provided at a carbon black loading of 10% w/w and can be used for a variety of formulation requirements.



TEM of nanoparticles in dispersion



Particle size distribution as measured by DLS

PHYSICAL PROPERTIES¹

<i>General:</i>	Aqueous carbon nanoparticle dispersion
<i>Viscosity:</i>	3 - 5 cP
<i>% w/w solids:</i>	15
<i>% w/w carbon black:</i>	10
<i>pH:</i>	7 - 9
<i>Flash point:</i>	Non-flammable
<i>Avg particle size (DLS):</i>	110 nm
<i>Specific gravity:</i>	1.05
<i>Nominal resistivity:</i>	0.5 ohm-cm

¹Typical values

Shipping and Packaging

Packaging size is dependent on quantity ordered. MOQ:
Product can be stored at room temperature or refrigerated at >4C.