

Nano materials

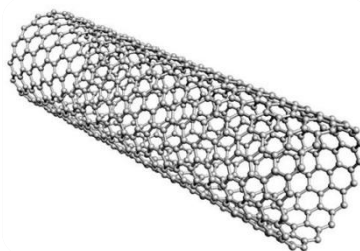
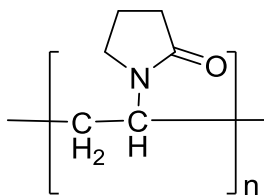
■ PVPseries

Name Polyvinylpyrrolidone (PVP)

CAS No. 9003-39-8

Formula $(C_6H_9NO)_n$

Structure



Appearance White or yellowish-white powder

Feature Excellent dispersion and stability for nano materials

Application Suitable for dispersion of carbon nanotube in NMP and preparation of silver nanoparticles by chemical reduction method

Product Specifications

Products	K-value	water(%)
PVP K30	29.0-31.0	≤4.0

Package & Storage

Packed in 25 kg fiber drum, inner lined with PE bags.

Special packing is available according to customer's requirement.

Preserve in tight containers.

Advantages

Excellent dispersion

A dosage of PVP K30 about 1-3% mixed with carbon nanotubes and solvents can significantly improve the dispersion performance of carbon nanotubes slurry through specific dispersion equipment and dispersion process, making it a product with high stability and dispersion.

Excellent stability

PVP K30 is stable in strong acid and alkaline environment, which can meet the production environment of most carbon nanotubes and silver nanoparticles

Low heavy metal content and moisture

Total heavy metal content is less than 10 ppm. Products with moisture content less than 3% are available.