Paper Making Chitosan Specifications

Product Name : Chitosan

Usage : Paper making

Appearance : White to Off-white powder

CAS No : 9012-76-4

Molecular Formula : C6H11NO4X2

Specifications:

Items	Specifications
Appearance	Off-white or light yellow semitransparent flake or powder
D.A.C	≥80%; ≥85%
Viscosity	20-1200 mpa.s
PH	6.5-8.5
Moisture Content	≤12.0%
Insoluble Matter	≤2.0%
Ash	⩽2.0%; ⩽3.0%
Particle Size	40 mesh (95% Pass); 60 mesh (95% Pass); 80 mesh (95% Pass); 100 mesh (95% Pass)

Package & Storage:

Package: 25 Kg fiber drum

Storage: Store in a cool, dry place, away from heat and light. The shelf life: 24 months.

Applications:

In papermaking, chitosan can be used as a reinforcing agent to improve paper strength, as a retention aid to enhance fiber utilization, and can also endow paper with functions such as antibacterial and water resistance. Meanwhile, it can be applied in waste paper deinking. It is a papermaking auxiliary with both performance optimization and environmental protection properties, suitable for the production of various types of paper.