Textile grade Chitosan Specifications

Product Name : Chitosan

Grade : Textile grade

Appearance : Off-white or light yellow semitransparent flake or 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 the textile field, chitosan can endow fabrics with properties such as antibacterial, anti-wrinkle and moisture absorption. It can not only be directly made into functional fibers, but also used as a finishing agent to improve fabric performance, and is widely applied in medical textiles, intimate clothing and industrial fabrics, etc.