

# CELLULOSE

## Nanoparticles

**NS6130-12-001080**

### Quick Facts

Product	:	Cellulose Nanoparticles
Stock No	:	NS6130-12-001080
CAS	:	9004-34-6
Molecular Formula	:	(C <sub>6</sub> H <sub>10</sub> O <sub>5</sub> ) <sub>n</sub>
Purity	:	99.9%

### Technical Specification

Density	Melting Point
1.5g/cm <sup>3</sup>	76-78°C

Cellulose nanoparticles possess remarkable properties, including low weight, low cost, renewability, abundant availability, nanoscale dimensions, and unique morphology. These characteristics enable their use in a wide range of applications, such as barrier films, thickeners, emulsifiers, lubricants, binders, biomedical and optical devices, pharmaceuticals, composites, antimicrobial and transparent films, polymer reinforcement, drug delivery, separation membranes, batteries, supercapacitors, sensors, optoelectronics, water purification, pollution control, and other medical, energy, and communication technologies.



\* This image is for graphic purposes only and does not represent the actual product.



ISO 9001:2015  
CERTIFIED COMPANY

**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911