

POLYETHYLENE UHMWPE POWDER

Ultra-high-molecular-weight polyethylene, otherwise known as UHMWPE, has been relied upon due to its very high ultimate tensile strength, good biocompatibility, corrosion resistance, low water uptake, a low coefficient friction, and high abrasion resistance. UHMWPE is odorless, tasteless, and nontoxic. Such properties define UHMWPE's use in many development areas and in medicine and biology, including the manufacture of artificial joints and implants for surgery and orthopedics.

Additional Powder Characteristics

Stock No.	CAS	Purity	APS
NS6130-12-000631	9002-88-4	99.9%	50-80um

Technical Specification

Molecular Formula	Density	Melting Point
$(CH_2CH_2)_n$	0.94g/cm ³	133°C

Applications

- Total Hip Replacement
- Knee Replacement
- Shoulder Replacement
- Ankle Replacement
- Small Joints
- Elbow replacement
- Spinal disk replacement



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ISO 9001:2015
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