

Specification Sheet

UHMWPE Powder

(Ultra High Molecular Weight Polyethylene, 99.9%, 100mesh)

Stock No: NS6130-12-000631, CAS: 9002-88-4

Product	:	UHMWPE Powder
Stock No	:	NS6130-12-000631
CAS	:	9002-88-4
APS	:	100mesh
Purity	:	99.9 %
Molecular Formula	:	(CH ₂ CH ₂) _n
Form	:	Powder
Color	:	White
Melting Point	:	146°C
Density	:	0.94g/cm ³
Glass Transition temp	:	T _m (DSC) 146 °C (at peak)
Tensile Strength	:	30-35Mpa
Impact strength	:	70-120KJ/m ²
Volatile content	:	0.1 %
Solubility	:	Soluble in acetone & benzene
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time