

Specification Sheet

Polystyrene Nanopowder

([C₈H₈]_n, 99.9%, APS:100nm, Metal basis)

Stock No: NS6130-12-000632, CAS: 9003-53-6

Product	:	Polystyrene Nanopowder
Stock No	:	NS6130-12-000632
CAS	:	9003-53-6
APS	:	100nm
Purity	:	99.9%
Molecular Formula	:	[C ₈ H ₈] _n
Molecular weight	:	Average Mw ~192,000
Form	:	Powder
Melting Point	:	~ 240 °C (464 °F; 513 K)
Density	:	1.05 g/cm ³
Storage Temp	:	2-8°C
Melt index	:	6.0-9.0 g/10 min (200°C/5kg)
Refractive index	:	n _{20/D} 1.59
Transition temp	:	Softening point 107 °C
Solubility	:	insoluble in water
Main Inspect Verifier	:	Manager QC

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