

Specification Sheet

Lead Zirconate Titanate Fiber

(PZT, Purity: >99%, Dia: 1-5 μ m)

Stock No: NS6130-12-001733, CAS: 12626-81-2

Product	:	Lead Zirconate Titanate Fiber
Stock No.	:	NS6130-12-001733
CAS	:	12626-81-2
Purity	:	>99%
Molecular Formula	:	O5PbTiZr
Molecular Weight	:	303.65 g/mol
Length	:	< 150 μ m
Composition	:	Pb(Zr0.52Ti0.48)O3
Young's Modulus	:	5.8-9.0
Relative dielectric constant	:	1000-4100
Curie temperature	:	170-360 °C
Reacts With	:	Oxidizing agents
Stability	:	Stable under recommended storage conditions
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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