

Specification Sheet

Polycyclohexylenedimethylene Terephthalate

((C₁₀H₈O₄)_n, Purity: 99.9%)

Stock No: NS6130-12-000636, CAS: 24936-69-4

Product	:	Polycyclohexylenedimethylene Terephthalate
Stock No	:	NS6130-12-000636
CAS	:	24936-69-4
Purity	:	99.9%
Molecular Formula	:	(C ₁₀ H ₈ O ₄) _n
Density	:	1.57g/cm ³
Melting Point	:	285 °C
Tensile strength	:	93.8 MPa
Tensile modulus	:	1.16E+6psi
Tensile Stress (Break)	:	14500psi
Tensile Strain (Break)	:	1.8%
Flexural Modulus (73°F)	:	1.04E+6psi
Flexural Stress (73°F)	:	21000psi
Surface Resistivity	:	1.0E+15ohms
Volume Resistivity	:	> 1.0E+15 ohms•cm
Electric Strength	:	840 V/mil
Dielectric Strength	:	27.1 kV/mm
Modulus of Elasticity	:	7.05 GPa
Main Inspect Verifier	:	Manager QC

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