

Certificate of Analysis

Date of Testing: 2025-05-24 09:48:50

Date of Next Testing: 2027-05-14 09:48:50

Product Name: **Polystyrene**

CAS Number: 9003-53-6

Specifications & Purity: impact resistive

Lot #: E2520091

SKU # **P107088**

Version **1**

Analysis #: **517128**

Parameter	Limit Values	Result
Bending elasticity rate	20000Kg/cm2	20000Kg/cm2
Bending strength	450(6390)	450(6390)
Burning rate	1/16"HB	1/16"HB
Features (PH-888H)	pass	Pass
Flow coefficient	3.8g/10min	3.8g/10min
Heat deflection temperature , 85(185)°C(°F)	conform	Conform
Izod Impact Strenght (IZOD)	8.0(1.38)Kg-cm/cm	8.0(1.38)Kg-cm/cm
Softening point	102(215)°C(°F)	102(215)°C(°F)
Specific gravity 23 °C	1.05	1.05
tension	300(4260)Kg/cm2(lb/in2)	300(4260)Kg/cm2(lb/in2)



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QA & QC Manager