

Certificate of Analysis

Date of Testing: 2024-05-11 11:25:39

Date of Next Testing: 2026-05-01 11:25:39

Product Name: **Polystyrene**

CAS Number: 9003-53-6

Specifications & Purity: impact resistive

Lot #: J2021146

SKU # **P107088**

Analysis: 356522

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)



John Su
QA & QC Manager