

Certificate of Analysis

Date of Testing: 2022-05-18 09:31:19

Date of Next Testing: 2024-05-07 09:31:19

Product Name: **Polystyrene**

CAS Number: 9003-53-6

Specifications & Purity: general typeIII,high-strength、for exceed、for food

Lot #: E2204124

SKU #: **P107087**

Analysis: **080907**

Parameter	Limit Values	Result
Tensile strength	545-555 (kg/cm ²)	550.00 kg/cm ²
Bending elasticity rate	32900-33100 (kg/cm ²)	33000.00 kg/cm ²
Flow coefficient	2-2.4 (g/10min)	2.20 g/10min
Bending strength	810-830 (kg/cm ²)	820.00 kg/cm ²
Extension rate	1.8-2.2 (%)	2.00 %
Heat deflection temperature	80-84 (°C)	82.00 °C
Softening point	102-107 (°C)	105.00 °C
Features (PG-383)	pass	Pass
IZOD	1.7(0.31)Kg-cm/cm	1.7(0.31)Kg-cm/cm



John Su
QA & QC Manager