

Specification Sheet

Product Name: **Polystyrene**
Specifications & Purity: impact resistive
SKU # **P107088**

Parameter	Limit Values
Tensile Strength(50 mm/min)	30 MPa
Specific elongation(50 mm/min)	50%
Flexural Strength(2mm/min)	39MPa
Flexural Modulus(2 mm/min)	1.5GPa
Izod Impact Strength(4mm/23°C)	10 kJ/m2
Charpy Impact Strength(4mm/23°C)	9 kJ/m2
Melt Flow Index(200°C,5kg)	3.8cm3/10min
Specific Gravity(23°C)	1.05 g/cm3
Softening Temperature(10N,50°C/hr)	92 °C
Heat Distortion Temperature(1.8MPa annealed)	96°C
Combustion rate	1.5mm HB