

PS (Conductive) Film

Formula: High Impact Conductive Polystyrene

Thickness: 2mm

Length 1: 150mm

Length 2: 150mm

Type: Conductive polymer

Colour: Black

CAS Number: 9003-53-6

UOM Code: 070-708-35

SKU: 1000009865-group

Product Code: ST32-SH-000200

Material Properties for Polymers

Mechanical Properties

Element	Value
Elongation at break(%)	36
Tensile modulus(GPa)	1.6
Izod impact strength(J m ⁻¹)	999999No Break
Tensile strength(MPa)	27

Thermal Properties

Element	Value
Heat-deflection temperature - 1.8MPa(C)	85
Coefficient of thermal expansion(x10 ⁻⁵ K ⁻¹)	4.5

Physical Properties

Element	Value
Density(gcm ⁻³)	1.04

Electrical Properties

Element	Value
Surface resistivity(Ohm/sq)	10 ² -10 ⁷
Volume resistivity(Ohmcm)	10 ² -10 ⁷