

PPS Film

Formula: PPS

Thickness: 0.4mm

Length 1: 100mm

Length 2: 100mm

Colour: Natural

CAS Number: 26125-40-6

UOM Code: 015-147-19

SKU: 1000001906-group

Product Code: SU32-FM-000200

Material Properties for Polymers

Chemical Resistance

Element	Value
Acids - concentrated	Poor
Acids - dilute	Fair

Physical Properties

Element	Value
Flammability	V0
Water absorption - over 24 hours(%)	0.02
Density(gcm ³)	1.35

Thermal Properties

Element	Value
Heat-deflection temperature - 1.8MPa(C)	104
Upper working temperature(C)	170
Thermal conductivity(W m ⁻¹ K ⁻¹)	0.3 -
Thermal conductivity(W m ⁻¹ K ⁻¹)	23/ - 4.0
Thermal conductivity(W m ⁻¹ K ⁻¹)	0.3
Thermal conductivity(W m ⁻¹ K ⁻¹)	23/
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	4

Electrical Properties

Element	Value
Surface resistivity(Ohm/sq)	1×10^{17}
Volume resistivity(Ohmcm)	1×10^{13}