

PHB Film

Formula: PHB

Thickness: 2mm

Length 1: 100mm

Length 2: 100mm

Category: Green Production

Production Method: Compression Moulded

Colour: Natural

CAS Number: 29435-48-1

UOM Code: 698-776-37

SKU: 1000036421-group

Product Code: BU39-SH-000101

Material Properties for Polymers

Chemical Resistance

Element	Value
Acids - dilute	Fair
Alcohols	Fair
Alkalis	Poor
Greases and Oils	Good

Electrical Properties

Element	Value
Dielectric constant @1MHz	3
Volume resistivity(Ohmcm)	$10^{1?}$

Physical Properties

Element	Value
Resistance to Ultra-violet	Fair
Density(gcm ³)	1.25

Mechanical Properties

Element	Value
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Elongation at break(%)	6
Tensile modulus(GPa)	3.5
Izod impact strength(J m ²)	35-60
Tensile strength(MPa)	40

Thermal Properties

Element	Value
Upper working temperature(C)	95