



## PIB6520 Efficient Sealant

PIB6520 efficient sealant's base material is butyl rubber, and it can be deformed according to the bearable load. The material has excellent barrier property and UV resistance, and it is solvent-free, no shrink. The sealant can be softened after heating and adhere to the substrate material after squeeze process.

PIB6520 could be used as an edge seal sealant for glass-glass PV module, thin film PV module, construction seal, etc.

<b>Technology / Base</b>	Butyl
<b>Type of Product</b>	Adhesive
<b>Components</b>	One component
<b>Appearance / Color</b>	Black
<b>Consistency</b>	Paste

### Features and Benefits

- Low moisture permeability
- Bond to a variety of substrates
- Excellent barrier property
- Excellent aging performance

### Curing Profile

Partial curing with moisture.

### Typical Packaging

Please contact your local Sales Office for available packaging options.

### Disposal Advice

Please refer to the MSDS for disposal instructions.

### Safety Advice

Please refer to the MSDS for safety advice.

### Application Instructions

1. Coating surface area should be clean and free of any fluxes, residues, dust or any other contaminants.
2. Open the butyl tape slowly and spread it on the substrate, or use the hot melted gun to extrude sealant on the substrate's surface, and the press the sealant sequentially to adhere to the substrate.
3. Select the appropriate operation process according to the actual condition and application requirement.

### Storage Conditions

Ideal storage condition is in dry and cool place in original package. Sealed storage is required due to desiccants in sealant. The shelf time is 12months.



Technical Data

Properties	Value	Condition/Method
Density (g/cm <sup>3</sup> )	1.35±0.02	23°C/ GB/T533
Application temperature	110°C-140°C	---
Thermal stability	-40°C-90°C	---
Volatiles(105°C/24h)	≤0.5%	---
Needle penetration(1/10mm, 100g, 5s)	20±5	23°C/ GB/T4509
Melting Index(130°C, 10kg, cm <sup>3</sup> /10min)	21 ±5	130°C/ GB/T3682
Shear strength	≥0.1	23°C/---
Moisture permeability(thickness/1mm, g/m <sup>2</sup> · d)	≤0.5	37°C/GB/T26253
Volume resistivity (Ω·cm)	≥10 <sup>13</sup>	23°C/ GB/T1692
Surface resistivity (Ω)	≥10 <sup>12</sup>	23°C/ GB/T1692
Dielectric strength(23°C, kV/mm)	≥9	23°C/ GB/T1695

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