



# 感光性層間絶縁材料

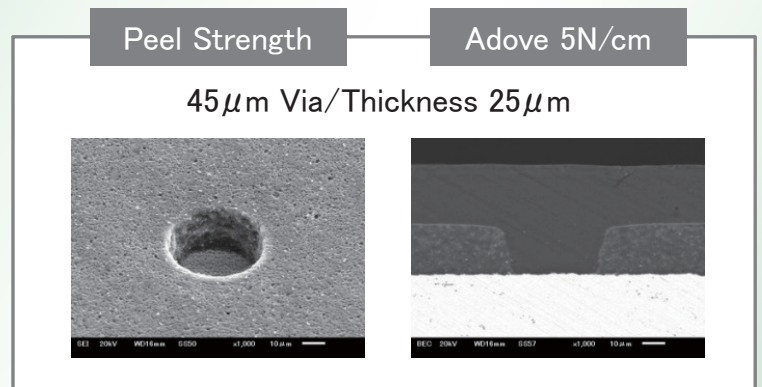
Photo Imageable Dielectric Material

## PVI-1, PVI-3 Series

### 特徴 Features

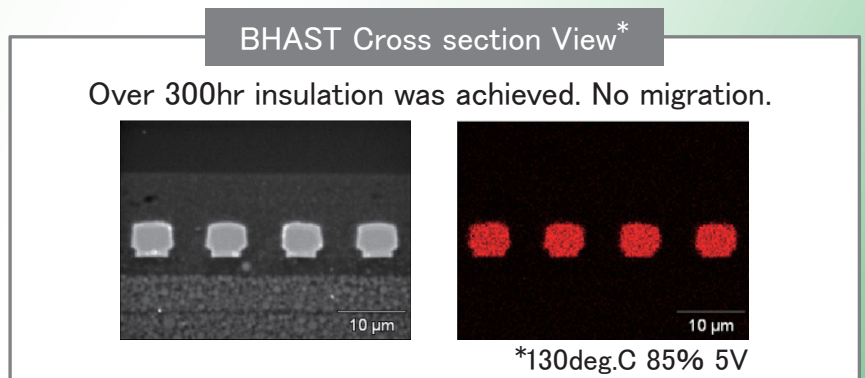
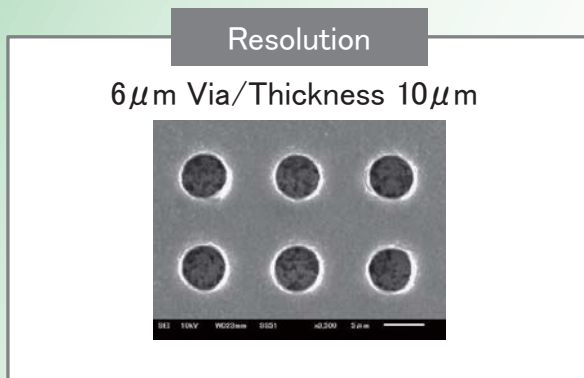
### PVI-1 EL100 (Desmear Compatible Model)

- 高密着性  
(SAP Process) Excellent Peel Strength.
- 高絶縁信頼性  
High Insulation Reliability.
- 高解像性  
Smaller Via Opening.
- ドライフィルムタイプ  
Dry Film Type



### PVI-3 HR100 (High Resolution Model)

- 高解像性 Smaller Via and Finer line.
- 高絶縁信頼性 High Insulation Reliability.
- 高密着性 (Sputter, E' less SEED)  
Excellent Peel Strength.
- ドライフィルムタイプ Dry Film Type



| Test Items       | PVI-1 EL100 | PVI-3 HR100        | Unit    |
|------------------|-------------|--------------------|---------|
| Tg(TMA)          | 150 -155    | 180 -185           | (deg.C) |
| CTE(alpha 1)     | 50 - 55     | 30 - 35            | (ppm)   |
| Elastic Modulus  | 3.0 - 3.5   | 3.5 - 4.0          | (GPa)   |
| Tensile Strength | 75 - 80     | 90 - 95            | (MPa)   |
| Elongation       | 4.0 - 4.5   | 5.5 - 6.0          | (%)     |
| Peel Strength    | 5N<br>(SAP) | 6N<br>(Sputtering) | (N/cm)  |