

感光性層間絶縁材料

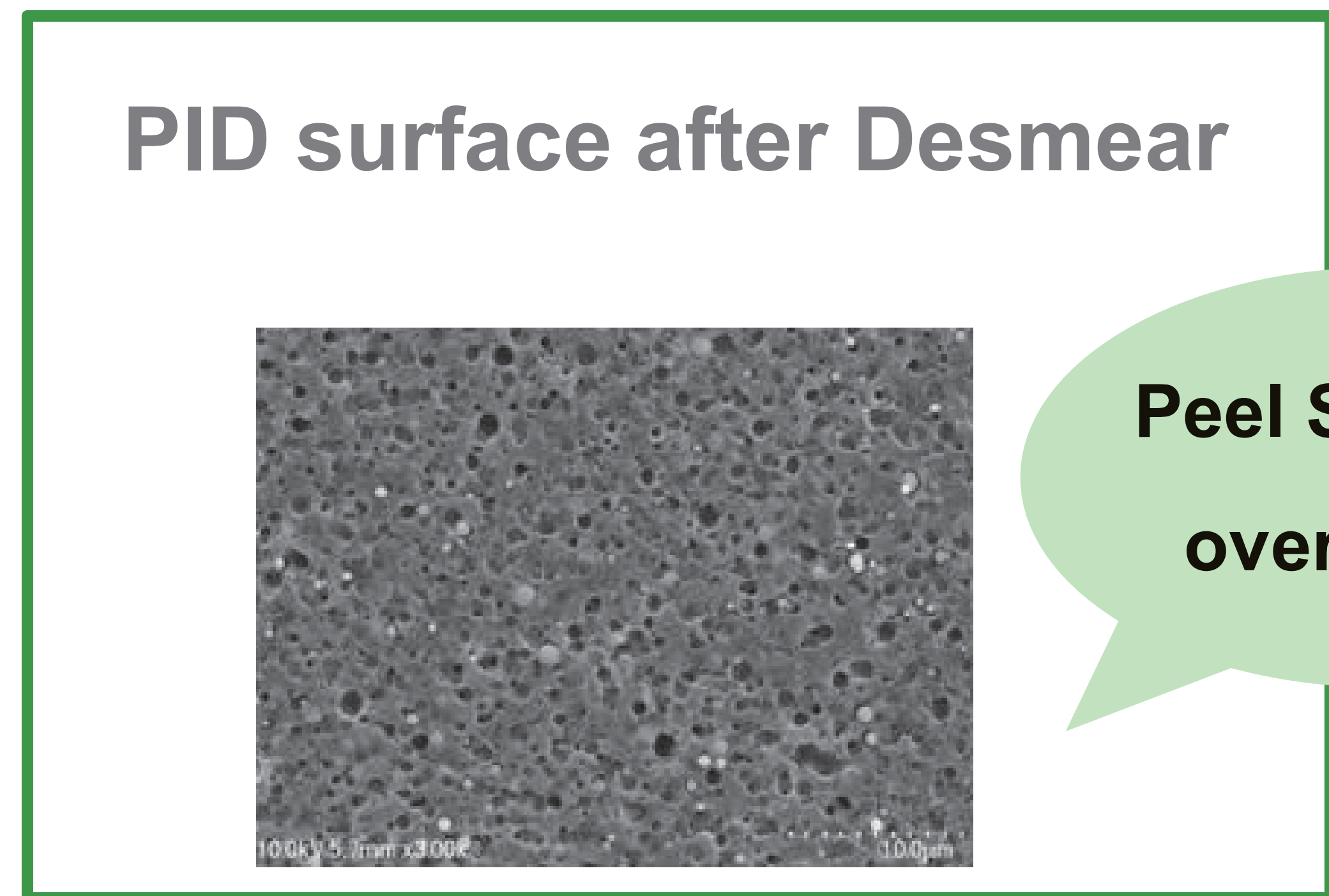
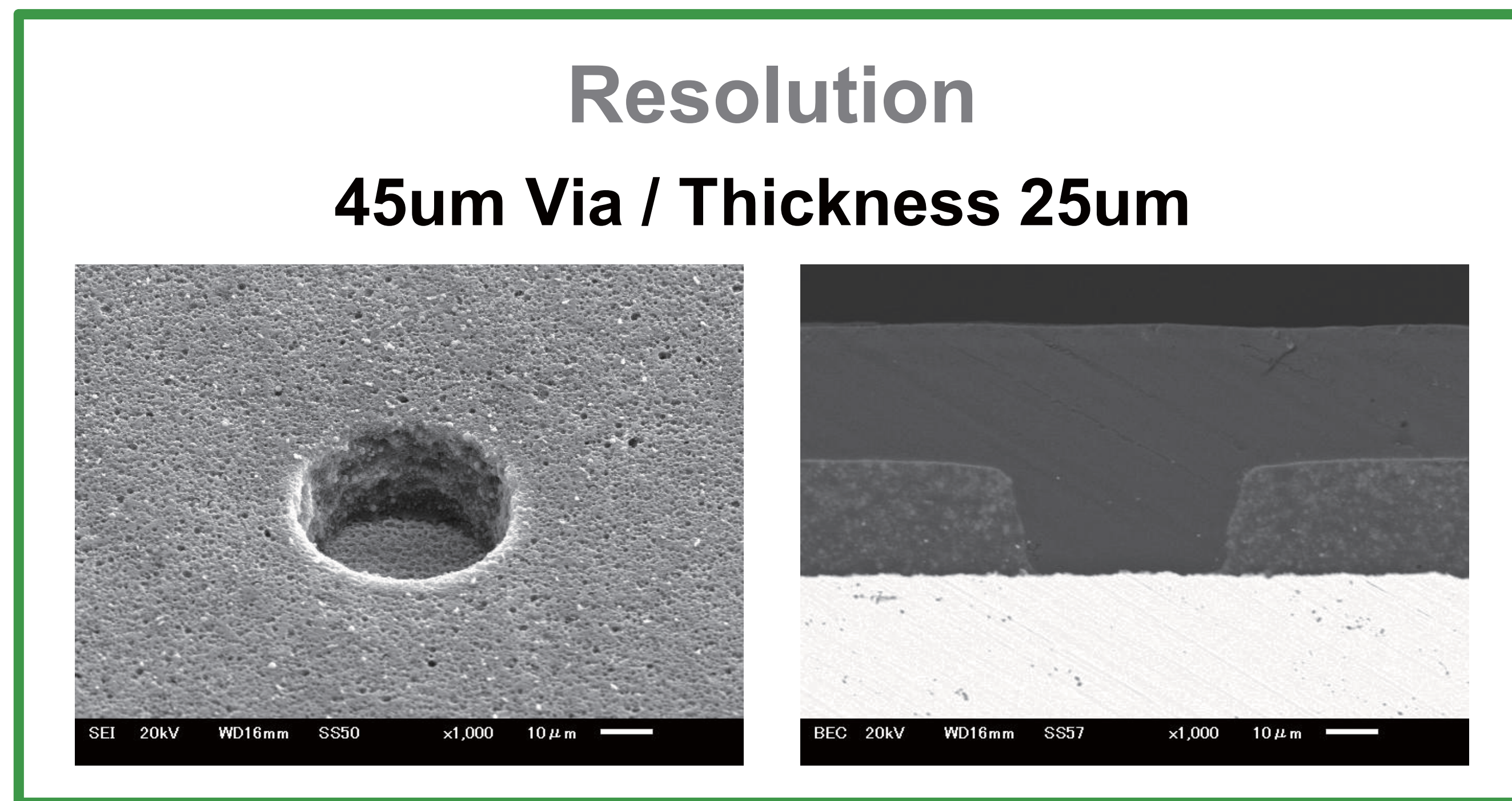
Photo Imageable Dielectric Material

PVI-1, PVI-3 Series

特徴 Features

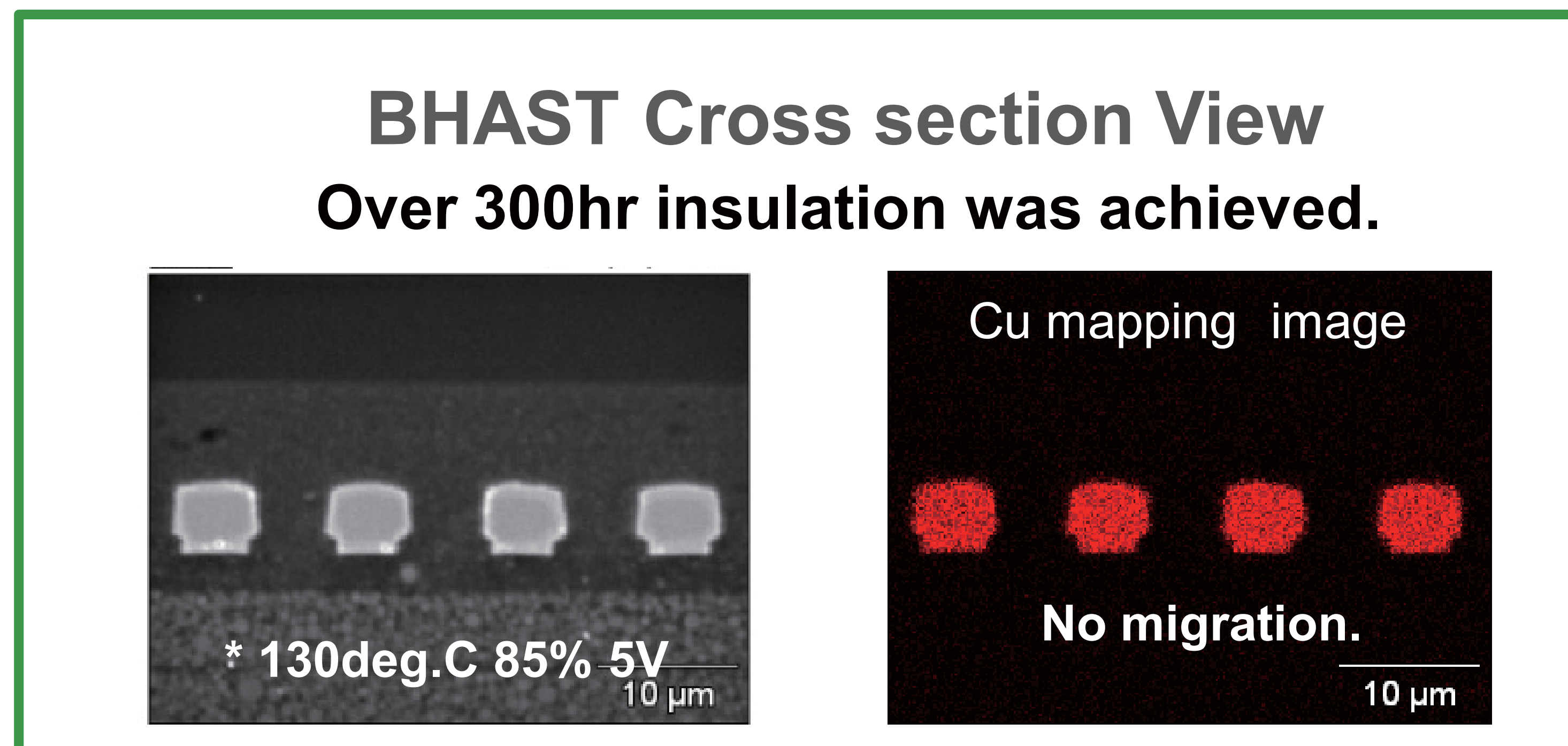
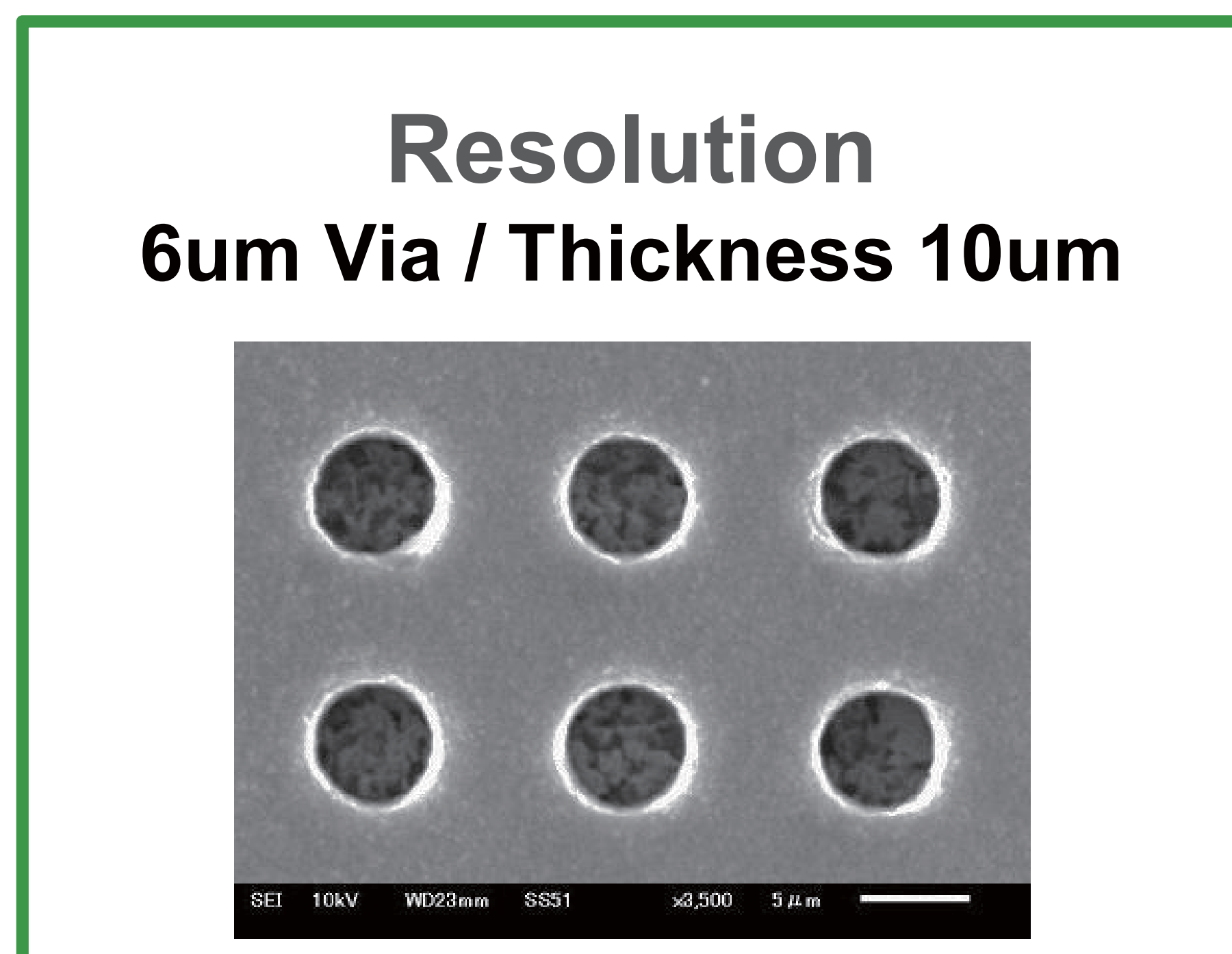
- 高解像性 High Resolution.
- 高絶縁信頼性 High insulation reliability.
- 高密着性 Excellent Peel Strength.
- ドライフィルムタイプ Dry Film type.

PVI-1 EL100 (Desmear Compatible Model)



Peel Strength
over 5N/cm

PVI-3 HR100 (High Resolution Model)



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 (Seed layer)	5 < (E'less Plating)	6 < (Sputtering)	(N/cm)