



アルカリ現像型PKG用SR AUS AZ1

(大型IC、高信頼性パッケージ対応)

Photo-imageable Solder Resist for Large Scale and High Reliability

特徴 Features

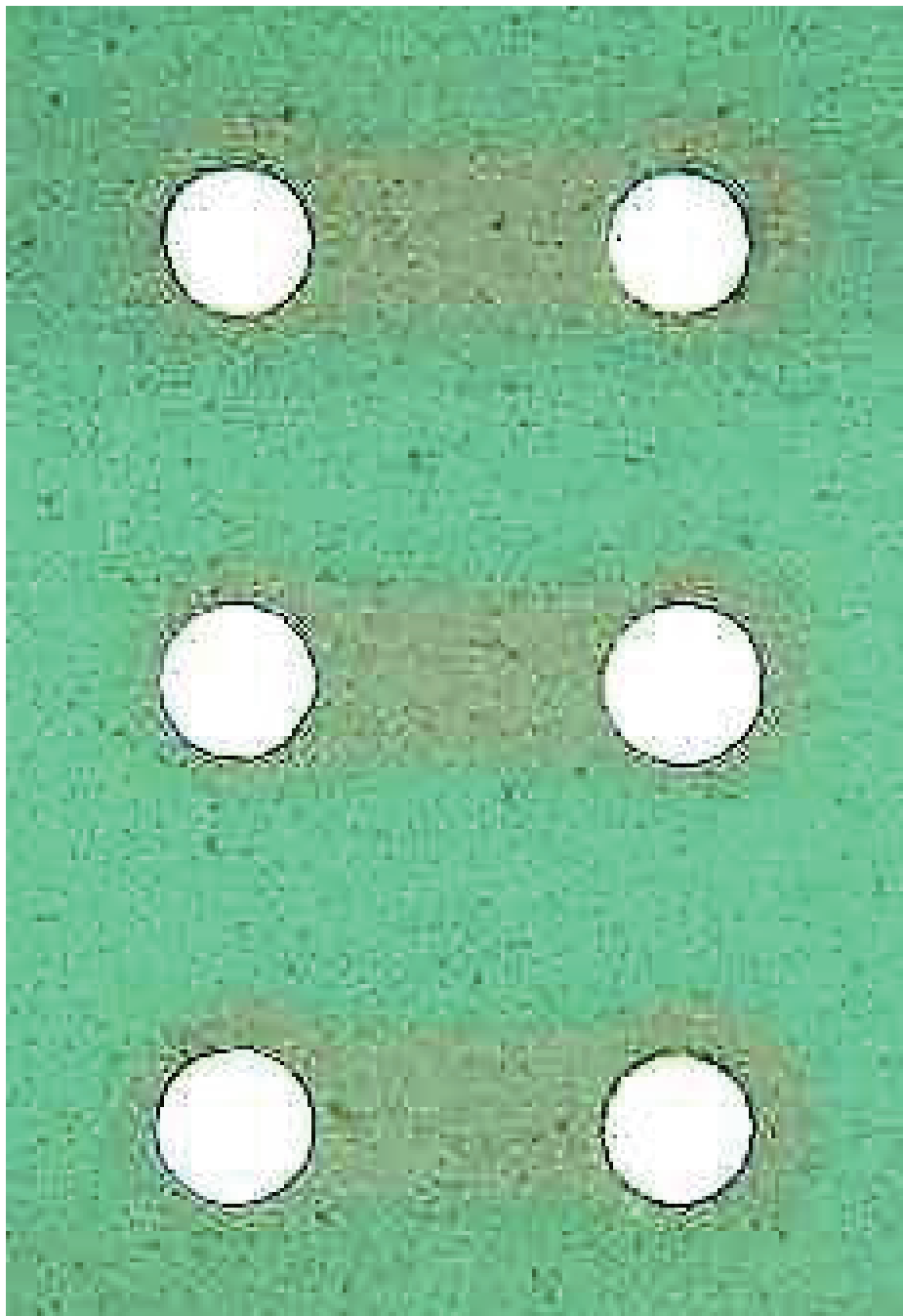
- 高クラック耐性 (Excellent Anti Crack Resistance at TST/TCT)
 - 高BHAST特性 (Excellent BHAST Performance)
 - 大型、多ピンICに最適 (Suitable for Large Die & High I/O Count)
 - 液状、フィルムタイプの両方をラインナップ
- (We can provide both Liquid type and Dry Film type)

特性 Properties

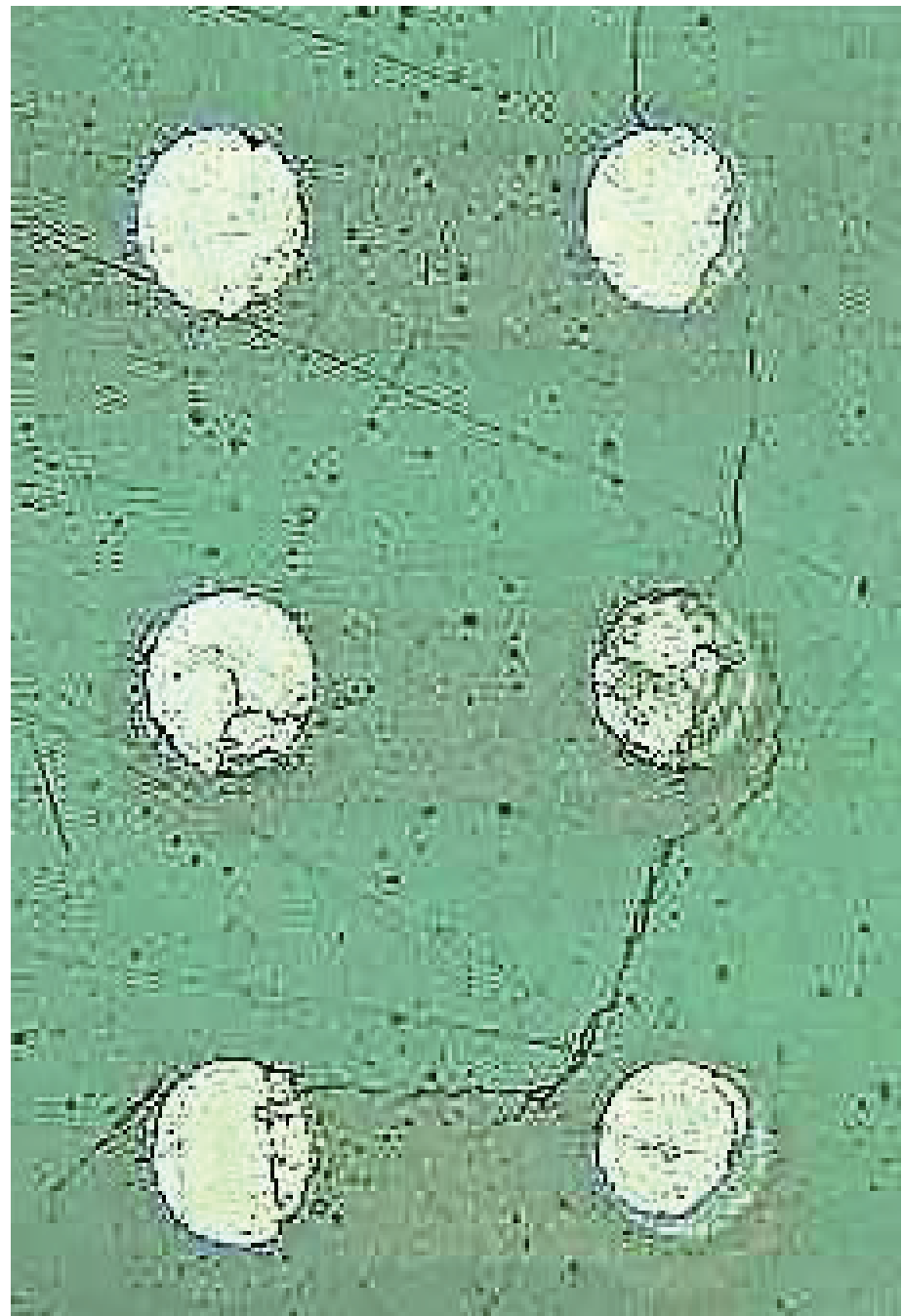
ガラス転移点 Tg *TMA method	150-160℃
線膨張係数 CTE (α 1)	35-40ppm
弾性率 Elastic modulus	3.5-4.0GPa
破壊強度 Tensile strength	90-95MPa
破壊伸び率 Elongation	6.0-7.0%
HAST耐性 (130℃/85%RH, 5V, L/S=12/13)	300h Pass
冷熱サイクル耐性 (150℃ $\leftrightarrow$ -65℃)	1000cycle Pass

Crack Resistance TST 1000cycles

AUS AZ1

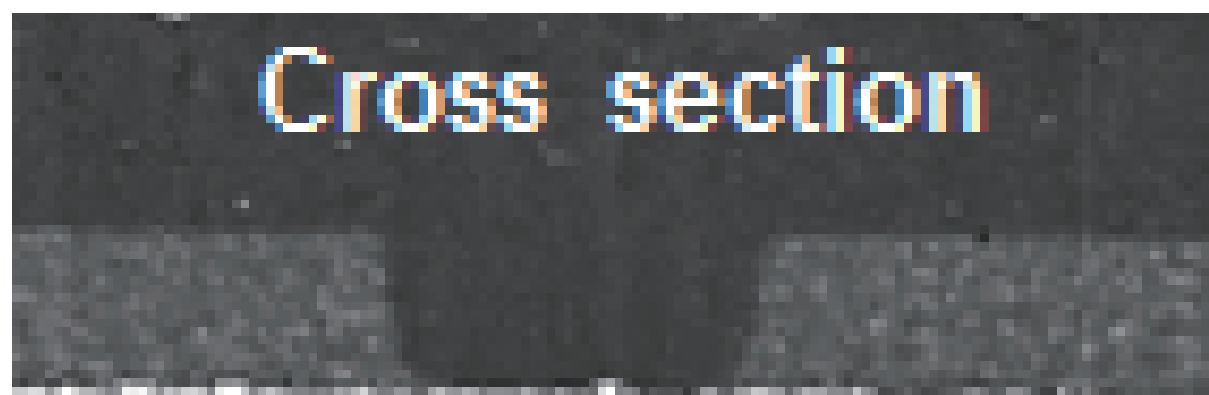


Conventional SR

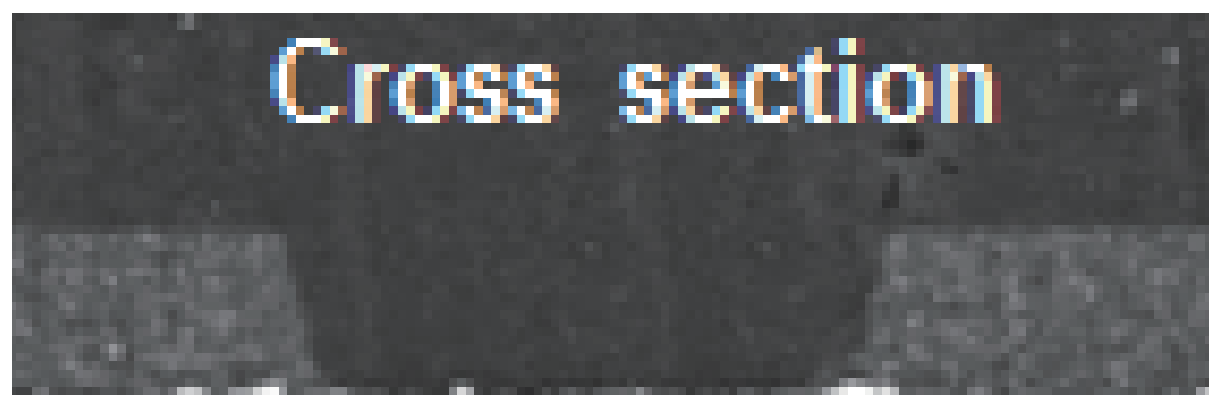


AUS AZ1 SRO

Cross section



Cross section

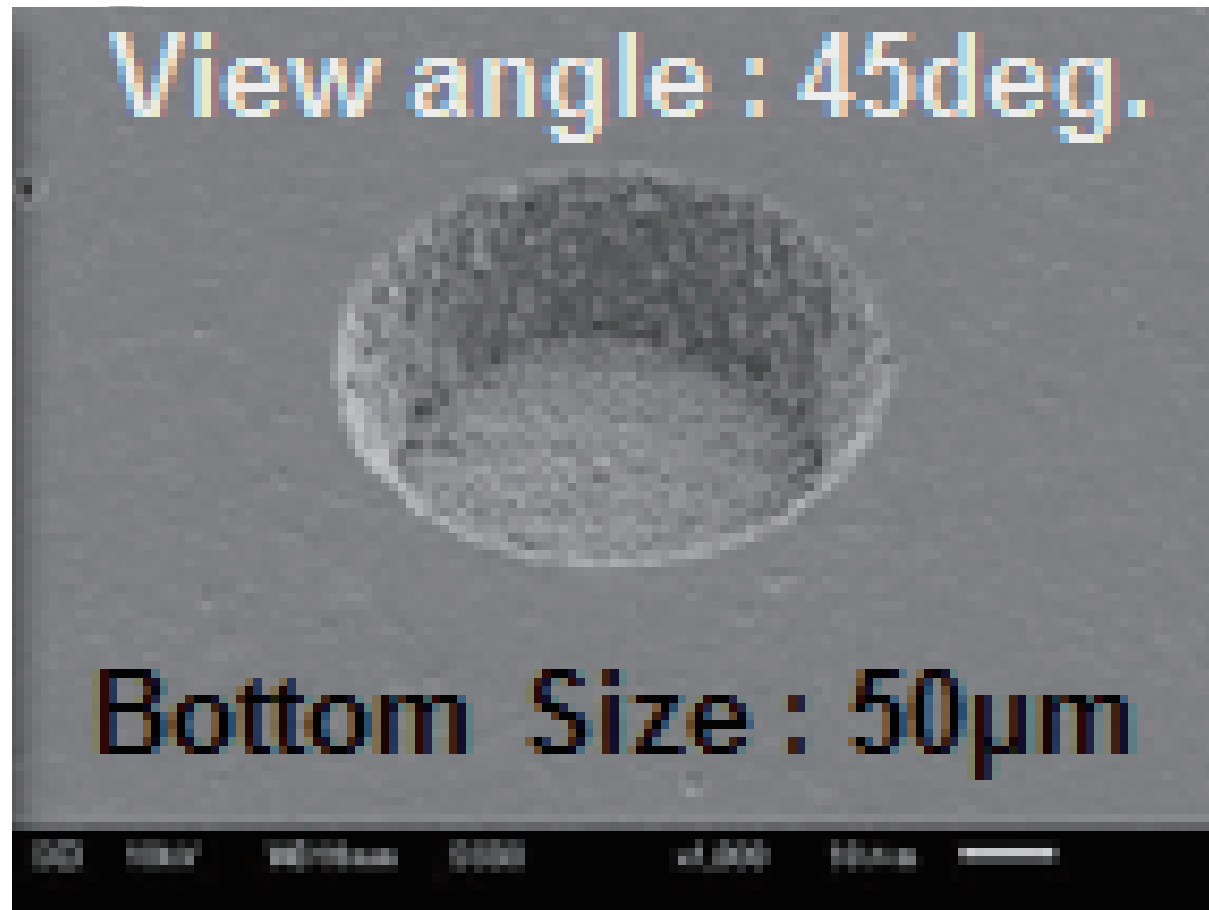


View angle : 45deg.



Bottom Size : 30μm

View angle : 45deg.



Bottom Size : 50μm



TAIYO INK MFG. CO., LTD.