



## 多孔氧化锆盖板

## 42520-X

POROUS ZIRCONIA COVER PLATE

RoHS Compliant\*

ESL 42520是在烧结过程中，用于覆盖生陶瓷部件的多孔氧化锆陶瓷盖片。有机物挥发去除的过程中保持气密性时，盖片的重量能提高所烧结部件的平整度，因此只允许单个使用。盖片还可调节和提高烧结过程中粘结剂的烧尽的一致性。在燃料电池，比如固体氧化物燃料电池的电解质基板，和其他陶瓷生带的加工中，都用到此盖板。

ESL 42520 is a porous, fired zirconia ceramic plate used to cover green ceramic parts during firing. The weight of the porous plate enhances the flatness of fired parts while retaining gas permeability during organic removal, thus allowing single firing. The plate may also be used as a setter to promote more uniform burnout of binders during firing. Uses include Fuel Cell applications such as SOFC electrolyte substrates, and other processing of ceramic tape.

ESL cover plates are available in several standard sizes as shown below, and in customer-specific configurations.

### 浆料数据 PASTE DATA

厚度 THICKNESS:	1 mm nominal or as required
厚度公差 THICKNESS TOLERANCE:	mean $\pm$ 10%
孔隙率 POROSITY:	40% nominal
翘曲度 CAMBER: (平板规 parallel plate gauge)	0.5 mm/100 mm
最高使用温度 MAXIMUM USE TEMPERATURE:	up to 1550°C
推荐使用温度 RECOMMENDED USE TEMPERATURE:	up to 1450°C
矫平温度 RE-FLATTENING TEMPERATURE:	1550°C
供应规格 SIZES AVAILABLE:(mm)	

42520-2	50 x 50
42520-3	75 x 75
42520-4	100 x 100
42520-5	125 x 125
42520-6	150 x 150

