

# Furan-Direct-Binding

## SH-F01



**Quartz sand**

**300 µm**  
standard layer thickness

**± 0,1 %**  
Accuracy

### Material

Molding material	Quartz sand
Type	GS14
Medium Grain Size (µm)	140
Composition	90% Quartz sand 9% Epoxy resin 1% Furan resin
Loss on ignition (weight -%)	≤ 1,9
Layer thickness (µm)	300
Load compression (N/mm <sup>2</sup> )	≥ 50
Density (g/cm <sup>3</sup> )	1.4

### Technical data for sand objects

Build platform	3.800 x 1.800 x 990 mm
Molding material	Silica sand
Binder-type	Cold hardening furan resin
Layer thickness	Standard 300 µm
Accuracy	+ 0,1 % (min. + 1,5* layer thickness)