

Phenol-Direct-Binding

SH-C053



Cerabeads

260 µm

standard layer thickness

± 0,1 %
Accuracy

Material

Molding Material	Cerabeads (Mullite)
Type	SH-C053
Medium grain size (µm)	140
Composition	90% Cerabeads 9% Epoxy resin 1% Phenol resin
Loss on ignition (weight %)	≤ 1,9
Layer thickness (µm)	260
Density (g/cm ³)	1.8
Gas permeability	≥ 150

Technical data for sand molds

Build platform	1.770 x 970 x 370 mm
Molding material	Silica sand of different grain size
Binder-type	Hot hardening phenol resin
Bending strength	from 220 N/cm ²
Layer thickness	300-400 µm, standard 300 µm
Accuracy	± 0,1 % (min. ± 1,5* layer thickness)