

Dune

SH-C053



Cerabeads

260 μm

standard layer thickness

 $\pm 0,1 \%$

Accuracy

Material

Molding Material	Cerabeads (Mullite)
Type	SH-C053
Medium grain size (μm)	140

Composition	90% Cerabeads 9% Epoxy resin 1% Phenol resin
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Loss on ignition (weight %)	$\leq 1,9$
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	$\pm 0,1 \%$ (min. $\pm 1,5^*$ layer thickness)