M + E Tebbe-Neuenhaus GmbH & Co.KG
Quartz sand - Quartz grit - Testra®R

PRODUCT DATA SHEET TESTRA®R-FILLER

Grain size: **0,1 - 0,3 mm** ***(filler for resin applications)***

Application areas
- production of modeling clay
- fillers and insulation compounds
- as filler for molding applications

for abrasion and wear resistant resin applications

Properties
- Aggregate made from blast furnace slag (calcium silicate)
- lower weight than quartz sand
- high purity through intensive washing processes, drying and screening
- noticeably increases the viscosity of the resin for optimal processing

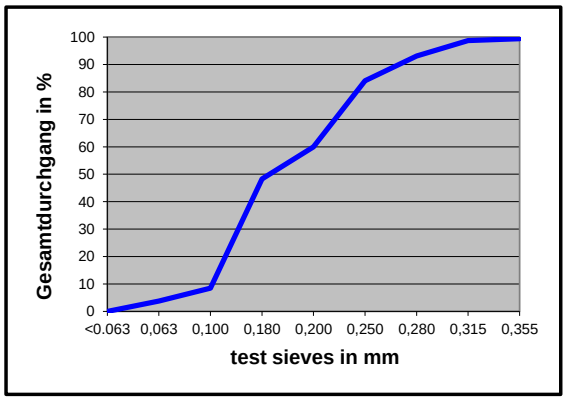
Non-silicogenic filling material

Ongoing investigations by the IFA (Institute for Occupational Safety and Health of the German Social Accident Insurance) confirm that the requirements for siliconogenic properties are met.

particle size:

sieves in mm	Rückstand auf in Gew.-%	Gesamtdurchgang in Gew.-%
<0.063	**3,8**	**0,0**
0,063	**4,7**	**3,8**
0,100	**39,8**	**8,5**
0,180	**11,7**	**48,3**
0,200	**24,1**	**60,0**
0,250	**9,0**	**84,1**
0,280	**5,6**	**93,1**
0,315	**0,7**	**98,7**
0,355	**0,6**	**99,4**

grading curve:



chemical and physical properties:

chemical composition:

SiO_2	44 - 52 %
CaO	25 - 36 %
Al_2O_3	7 - 14 %
MgO	5 - 8 %
Fe_2O_3	1 - 2 %

metals are bound as silicates

Testra®R blasting media are free of crystalline silica.

physical properties:

Form	edged
color	dunkelgrün, schwarz-grau
raw-density	ca. 2,6 g/cm³
bulk weight	ca. 1,3 g / cm³
hardness (Mohs)	7

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