

## Testra® Abrasive



### Fields of application:

- Cleaning and surface refinement
- Iron and steel construction
- Foundry industry
- Construction of ships and wagons
- Tank and apparatus building
- Vehicle and body construction

TESTRA® is a mineral abrasive according to DIN EN ISO 11126-4, which consists of granulated melted coal slag. Through intensive washing processes following drying and screening of granulates, a high degree of freedom from dust is achieved.

All TESTRA® - abrasive graining are not silicogenic. The dust that results from the abrasive blasting, is not silicogenic as well. Current investigation from IFA (Institution for safety at work of the German statutory accident insurance) confirms the fulfilled requirements for nonsilicogenic abrasives.

### Grain sizes (other grain sizes are available upon request)

#### Standard grain sizes

0.09- 0.5 mm	0.25- 1.4 mm	0.5 - 1.4 mm
0.25- 0.7 mm	0.25- 2.0 mm	0.5 - 2.0 mm
0.25- 1.0 mm	0.5 - 1.2 mm	1.0 - 2.0 mm
0.25- 1.2 mm	0.5 - 1.2 mm	1.4 - 2.8 mm

Testra-dust



### Physical properties

Hardness	7 Mohs
Density	2.5 to 2.7 g/cm <sup>3</sup>
Bulk weight	1.2 to 1.4 t/m <sup>3</sup>
Color	greyish black to brown

### Packing

- 25kg plastic bags on EURO pallets
- in bulk / silo trucks
- 10 tons containers
- Big bags, up to 1.200kg

### Chemical properties

SiO <sup>2</sup>	54 %
AL <sup>2</sup> O <sup>3</sup>	28 %
FE <sup>2</sup> O <sup>3</sup> *	8.5 % (predominantly as FeO)
CaO	2.5 %
MgO	2.0 %
K <sup>2</sup> O	3.5 %
Na <sup>2</sup> O	0.3 %
TiO <sup>2</sup>	1.0 %

\*x-amorphous iron-aluminum silicate glass. Free of crystalline silica.

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