

EP Power Minerals

Product Data Sheet

ASILIKOS®

ASILIKOS® is a synthetic, mineral, environment-friendly blasting abrasive in accordance with ISO 11126-4 N/CS/G. It consists of slag-tap granulate and can be used in accordance with the requirements of BGR 500, Part 2, Section 2.24, "Working with blasting equipment". **ASILIKOS®** has the following technical details:

CHEMICAL ANALYSIS

Aluminium silicate glass melt;
chemical composition calculated as oxides:

Silicon dioxide	42 – 58 %
Aluminium oxide	23 – 32 %
Iron (III) oxide	3 – 15 %
Calcium oxide	2 – 8.5 %
Potassium oxide	0.5 – 4.6 %

The metals present are chemically bound in the form of silicates or aluminates.

CONTAINS NO WATER-SOLUBLE CONSTITUENTS

CONTAINS NO FREE CRYSTALLINE SILICIC ACID

Specific weight/ grain density	2.4 – 2.6 kg/dm ³
Bulk density, for standard grain sizes	1.05 – 1.4 kg/dm ³
Mohs hardness	min. 7

ABRASIVE BLASTING SYSTEMS

- Compressed air blasting systems
- Injector blasting cabinets
- Slurry blasting systems

FIELDS OF APPLICATION

- Blast cleaning
- Roughening
- Derusting

GRAIN SIZES

- 0.2 – 0.5 mm
 - 0.2 – 1.0 mm
 - 0.2 – 1.4 mm
 - 0.2 – 2.0 mm
 - 0.5 – 1.4 mm
 - 0.5 – 2.0 mm
 - 1.0 – 2.0 mm
 - 1.4 – 2.8 mm
- other grain sizes on request

PACKING

- 25 kg paper bags on EURO pallets
- 1,000 kg/ 1,350 kg big bags
- in bulk

August 2021

EP Power Minerals GmbH
Duisburger Str. 170
46535 Dinslaken, Germany
E-Mail: pqa@ep-pm.com

