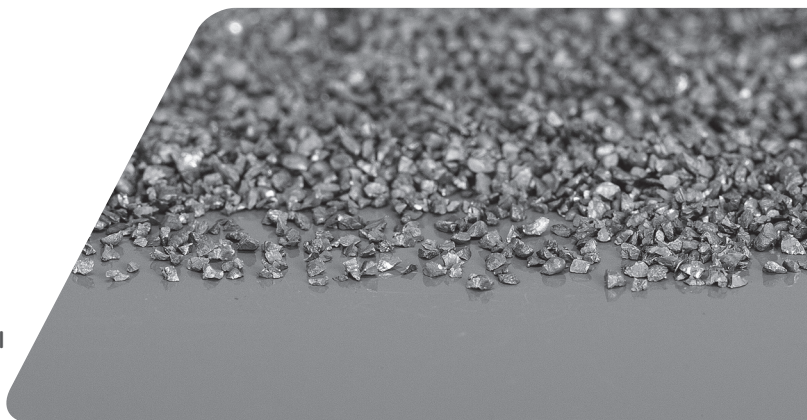


DATA SHEET

● GRITTAL GM

Angular crushed reusable abrasive made of high-alloy cast stainless steel. Due to the **hard-tough micro-structure**, its angular grain shape is essentially retained during blasting. As a result, this abrasive provides an **ideal combination of cleaning performance and service life**.



APPLICATIONS

Surface preparation and surface enlargement, roughening and structuring, de-scaling, cleaning and sweep blasting, paint stripping and de-coating.

MATERIALS / SUBSTRATES

High and low alloy steels.
Aluminum, bronze, brass and zinc.
Titanium and nickel-based alloys.

BLASTING SYSTEMS

Applicable in all industrial blasting systems.

STANDARD / CERTIFICATES

Manufacturer standard, based on the norms
ISO 11124, ISO 11125 und ISO 6507.
ISO 9001, ISO 50001, ISO 14001.

PACKAGING

25 kg Plastic Bag
500 kg EUR-Palett
500 kg Big Bag
750 kg Metal Drum
Others available upon request.

CHEMICAL ANALYSIS

C 1,9 – 2,1 %, Cr 30 – 33 %, Si 0,7 – 1,0 %

PHYSICAL PROPERTIES

Bulk weight ~ 4,0 g/cm³
Specific weight ~ 7,6 g/cm³
Hardness new material ~ 660 HV (~ 58 HRC)
Conductivity < 25 µS/cm
Chloride content < 1 ppm

MICROSTRUCTURE

Martensite with chrome carbides.

GRAIN SIZES

GM10	0,050 – 0,200 mm / 0.002 – 0.008 “
GM20	0,090 – 0,315 mm / 0.004 – 0.013 “
GM30	0,140 – 0,500 mm / 0.006 – 0.020 “
GM40	0,400 – 0,800 mm / 0.016 – 0.031 “
GM50	0,600 – 1,000 mm / 0.024 – 0.039 “
GM60	0,700 – 1,250 mm / 0.028 – 0.049 “
GM100	1,000 – 1,400 mm / 0.039 – 0.055 “
GM150	1,250 – 1,700 mm / 0.049 – 0.067 “
GM200	1,400 – 2,000 mm / 0.055 – 0.079 “
GM300	1,700 – 3,000 mm / 0.067 – 0.118 “
GM090	0,050 – 0,090 mm / 0.002 – 0.004 “
GH014	0,090 – 0,140 mm / 0.004 – 0.006 “

Others available upon request.