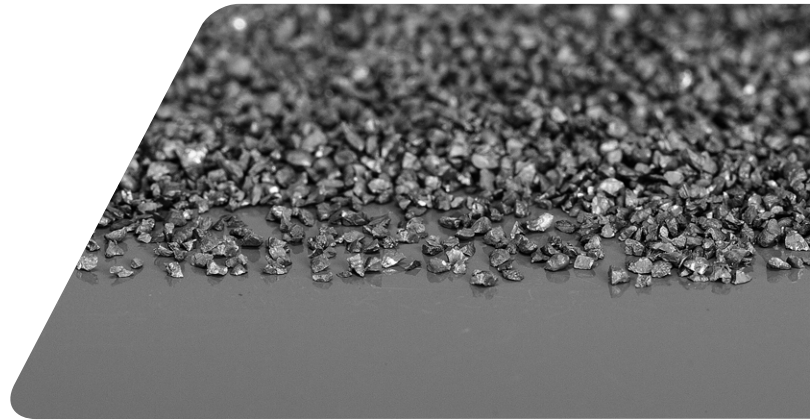


## DATA SHEET

## ● GRITTAL GM

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



### APPLICATIONS

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

### MATERIALS – SUBSTRATES

High and low alloyed steels.  
Aluminum, bronze, brass and zinc.  
Titanium and nickel-based alloys.  
Concrete and natural stones.

### BLASTING SYSTEMS

Applicable in all industrial blasting systems.

### STANDARDS

Manufacturer standard, based on the norms ISO 11124, ISO 11125 and ISO 6507.

### SUSTAINABILITY

ISO 9001, ISO 50001, ISO 14001.  
Blast media made from recycled steel.  
100% renewable electric power.

### 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/cm<sup>3</sup>  
**Specific weight** ~ 7,6 g/cm<sup>3</sup>  
**Hardness new material** ~ 660 HV (~ 58 HRC)  
**Conductivity** < 25 µS/cm  
**Chloride content** < 1 ppm

### MICROSTRUCTURE

Martensite with chrome carbides and retained austenite.

### GRAIN SIZES

<b>GM10</b>	0,050 – 0,200 mm / 0.002 – 0.008 “
<b>GM20</b>	0,090 – 0,315 mm / 0.004 – 0.012 “
<b>GM30</b>	0,140 – 0,500 mm / 0.006 – 0.020 “
<b>GM40</b>	0,400 – 0,800 mm / 0.016 – 0.031 “
<b>GM50</b>	0,600 – 1,000 mm / 0.024 – 0.039 “
<b>GM60</b>	0,700 – 1,250 mm / 0.028 – 0.049 “
<b>GM100</b>	1,000 – 1,400 mm / 0.039 – 0.055 “
<b>GM150</b>	1,250 – 1,700 mm / 0.049 – 0.067 “
<b>GM200</b>	1,400 – 2,000 mm / 0.055 – 0.079 “
<b>GM300</b>	1,700 – 3,000 mm / 0.067 – 0.118 “
<b>GM090</b>	0,050 – 0,090 mm / 0.002 – 0.004 “
<b>GM014</b>	0,090 – 0,140 mm / 0.004 – 0.006 “

Others available upon request.