

## Data sheet

## CHRONITAL 13

**Type of abrasive** **CHRONITAL 13**, stainless steel blasting abrasive, spherical

Company standard

**Applications** Cleaning, de-burring, surface improvement, surface finishing

**Chemical composition  
in weight %**

C	< 0,17	Ni	~ 13,0
Cr	18,0-19,0	Si	< 3,0
Mn	< 2,0	S	< 0,03

**Apparant density**

~ 4,7 g/cm<sup>3</sup>

**Hardness Vickers**

Manufacturing state ~ 275 HV | Operating state ~ 475 HV

**Microstructure**

Austenitic

**Grain sizes**

S-10	0,05 – 0,20 mm	S-60	0,70 – 1,25 mm
S-20	0,09 – 0,32 mm	S-100	1,00 – 1,40 mm
S-30	0,14 – 0,50 mm	S-150	1,25 – 1,70 mm
S-40	0,40 – 0,80 mm	S-200	1,40 – 2,00 mm
S-50	0,60 – 1,00 mm	S-300	1,70 – 3,00 mm

Special screenings available upon request.

**Packing**

25 kg (55lbs) plastic bag on EUR-pallet of 500 kg (1.100lbs)  
Big bag of 500 kg (1.100lbs)  
Metal drum of 750 kg (1.650lbs)