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SALES, SPARES & SERVICE

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Plastic abrasives

Areas of application

- Reusable abrasive, fine abrasive, wet abrasive, dry abrasive
- Deburring
- Paint stripping
- Surface cleaning without loss of substance

Blasting systems

- Pressure blast systems
- Injector blast cabinets
- Wheel blasting systems

Packaging

- 25 kg sacks on pallet up to 1 t
- 1 t loose in a big bag

Customer approvals

- CSS227 (Rolls-Royce)

Deliverable standards and specifications

- MIL-P-85891A

Plastic abrasives were originally developed for the aerospace industry. They are used for the cleaning or paint-stripping of surfaces, without changing the treated substrate.

Physical properties

Hardness TYPE II	Barcol 54 – 65 (3.5 mohs)
Hardness TYPE III	Barcol 64 – 72 (4.0 mohs)
Hardness TYPE V	Barcol 46 – 54 (3.2 – 3.5 mohs)
Grain shape	angular
Melting point	< 500°C
Specific gravity	approx. 1.5 g/cm ³
Bulk density*	approx. 0.8 – 0.9 g/cm ³

*depending on granular size

Typical chemical analysis

Plastics from:	Urea, melamine and acrylic
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Available grain sizes

MESH	Grain size range (mm)	MESH	Grain size range (mm)
008/014	1.40 – 2.40	020/030	0.60 – 0.80
008/016	1.20 – 2.40	020/040	0.40 – 0.80
008/020	0.80 – 2.40	030/040	0.40 – 0.60
010/020	0.80 – 2.00	040/060	0.25 – 0.40
012/016	1.20 – 1.70	060/080	0.18 – 0.25
012/020	0.80 – 1.70	080/120	0.12 – 0.18
016/020	0.80 – 1.20		

Other grain sizes can be produced on request.