

GENERAL INFORMATION

Trade name

Emsodur Micro Special

Type of product

Deflashing media based on polyamide

Applications

Deflashing of small delicate parts

Methods

Blast wheel (turbine),
jet blasting,
injection method

Manufacturer

Emsodur AG

DEFLASHING WITH EMSODUR MICRO SPECIAL

Economic deflashing of small electrical components, computer components etc. has so far posed an unsolvable problem. On the one hand, the size of the deflashing media particles must not exceed 200µm because of the fine structure of these parts, whilst on the other hand it must not fall below 50µm because of possible dust formation. Apart from this, the kinetic energy would drop to practically zero.

Hitherto known blasting media within this dimensional range consist of ground material such as walnut shells, thermosetting plastics etc. They are unsuitable, because they fracture too quickly, producing an excessive amount of dust and, in addition, the grit fragments are too aggressive and irregular in dimension.

Key features

- high impact strength
- dimensional stability
- abrasion resistant
- extremely long durability

Technical Data

Specific weight	1.14 g / cm ³
Hardness Shore-D	67
Hardness Rockwell	96
Hardness Mohs	2-3
Chemical composition	Polyamide 6, additives < 1%

Available standard products

Dimension	Shape	Colour
50 - 160 µm	Granular	Natural

We are very flexible in regard of customer needs and can vary in sizes and colours.



Emsodur is a registered trade name for products of Emsodur AG. Emsodur is produced in Switzerland and is available internationally.