

Emsodur®

EUROPE'S LEADER IN ENGINEERED PLASTIC
DEFLASHING AND BLASTING MEDIA

www.emsodur.com

YOUR PARTNER
FOR TAILOR-MADE
PLASTIC MEDIA SOLUTIONS



Welcome to EMSODUR AG

We are a family business with our registered office in Switzerland,
on the site of EMS Chemie AG's plant.

Our speciality is the production and development of high-quality
plastic-based deflashing and blasting media for global industrial
applications.

Thanks to close collaboration with experts and end consumers
we guarantee high-quality products that always meet the current
requirements of the deflashing and blasting industry.

We strive for maximum quality and give a reliable service in order to
build promising relationships with our customers.

Our specialists in the Research and Development Department
offer know-how and innovative ideas to meet customer-specific
requirements and applications. Flexibility and effective
communication within the company allow us to quickly find solutions
and production adaptations.

We look forward to constant new challenges!



Emsodur products have character thanks to:

Endurance

Emsodur rounds the edges but does not break.

So the expected number of particles remains constant for longer than with other well-known blasting media. This durability considerably reduces costs. Moreover, the extremely low level of abrasion produces very little dust.

Energy

Emsodur deflashing media are cubic in shape and achieve greater weight compared with angular or cylinder-shaped blasting media and therefore possess greater kinetic energy. Thus better deflashing performance can be achieved, in particular with small particle sizes. Moreover, this is without damaging the surface since Emsodur maintains its perfect characteristics right down to the smallest particle sizes.

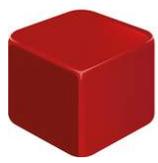
Effectiveness

Many injection-moulded and thermoset-moulded solid parts have numerous corners, edges, slots and holes, so the particle size has an upper limit. But with small particle sizes in particular, 27% more weight, thanks to their cubic shape, makes all the difference. Emsodur meets this requirement across its entire range.

Quality

Modern deflashing processes run constantly and they are integrated directly into the production process. However, consistently high deflashing quality demands the greatest possible consistency in all parameters. This can only be achieved if the blasting medium does not have any variation in its chemical composition or unstructured particle shapes. Emsodur is constantly being freshly produced from high-quality raw materials and is subject to regular stringent quality checks that ensure continuous deflashing processes.

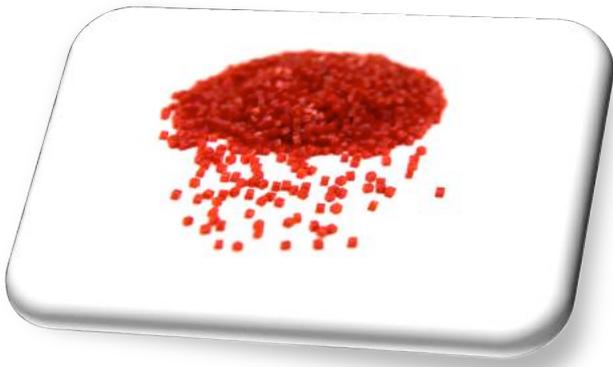




Emsodur®



Emsodur N



Nylon-based deflashing medium for deflashing thermoset/plastic and die-cast metal parts.

Special characteristics:

- Precise cubic or cylindrical cut
- High impact resistance
- Dimensional stability
- Particle size of 0.3 mm to 3.0 mm
- Long durability
- Antistatic treated

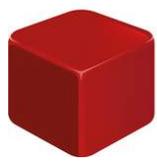
Emsodur C



Polycarbonate-based cryogenic blasting medium for cryogenic deflashing of rubber parts.

Special characteristics:

- Precise cubic or cylindrical cut
- Long durability
- **Lasts up to 70% longer than comparable products on the market**
- Antistatic treated
- Particle size of 0.4 mm to 2.0 mm



Emsodur®



Emsodur GV



Nylon-based, reinforced blasting medium with increased specific weight for deflashing die-cast metal parts.

Special characteristics:

- Precise cubic cut
- High kinetic energy
- Long durability
- Particle sizes 0.75 mm to 1.5 mm

Type II, Type III & Type V Blasting media



Urea, Melamine and acrylic-based blasting media for cleaning, decontaminating and deflashing various surfaces.

Special characteristics:

- Long durability
- Antistatic treated
- Minimum dust generation
- Standard particle sizes 8/16, 8/20, 12/20, 16/20, 20/30, 20/40, 30/40, 40/60, 60/80
- Type II Milspec authorised





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