

Trademark	Emsodur Urea, Type II
Manufacturer	Emsodur AG Industriepark Vial 2 CH-7013 Domat/Ems Tel.: +41 81 632 80 11
Colour	white / multicoloured
Shape	irregular with sharp, angular edges and corners
Dimension	12/16 mesh 1.70 / 1.18mm 16/20 mesh 1.18 / 0.85mm 20/30 mesh 0.85 / 0.60mm 20/40 mesh 0.85 / 0.43mm 30/40 mesh 0.60 / 0.43mm 40/60 mesh 0.43 / 0.25mm 60/80 mesh 0.25 / 0.18mm
Storage stability	unlimited, when stored in a cool and dry place

Physical characteristics

Density	1.40 – 1.60 g/cm ³
Bulk density	0.65-0.75 kg/l (depending on size)
Hardness	54-62 Barcol 3.0 Mohs
Water absorption	<0.3% (23°C/50 % r.F. DIN 53472)

Chemical characteristics

Composition	granulated aminoplastics (Urea)
pH-value	4 – 8 (at 250 g/l H ₂ O, 20°C)
Ash content	max. 2%

Thermic characteristics

Flash point	-
Thermic decomposition	450°C
Flammability UL 94 1,6 mm	V-0