

Trademark	Emsodur Acryl, Type V
Manufacturer	Emsodur AG Industriepark Vial 2 CH-7013 Domat/Ems Tel.: +41 81 632 80 11
Colour	transparent
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	1.15 – 1.20 g/cm ³
Bulk density	0.55-0.65 kg/l (depending on size)
Hardness	46-54 Barcol 2.5 Mohs
Water absorption	<2.0% (23°C/50 % r.F. DIN 53472)

Chemical characteristics

Composition	Polymethylmetacrylate polymer
pH-value	4 – 8 (bei 250 g/l H ₂ O, 20°C)
Ash content	max. 0.5%

Thermic characteristics

Flash point	300°C
Thermic decomposition	136°C