

Trademark	Emsodur PMMA – Pore forming agent
Manufacturer	Emsodur AG Via Innovativa 21 CH-7013 Domat/Ems Tel.: +41 81 632 61 50
Colour	transparent
Shape	irregular with sharp, angular edges and corners
Dimension	1.20 – 1.70mm 0.80 – 1.20mm 0.60 - 0.80mm 0.40 - 0.60mm 0.20 - 0.40mm 0.20 - 0.30mm 0.10 - 0.20mm
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. 0.1%

Thermic characteristics

Flash point	300°C
Decomposition point	from 300°C
Flammability temperature	425-435°C (according to DIN 51794)
Softening temperature	102-115°C