

Technical Data

Plastic Blast Media Type V

Chemical characterisation

granulated acrylic polymer (ACRYLIC)

Shape granular, polygonal, scharp

Shelf life unlimited, if stored in a dry place

Country of origin Germany

Approvals

U.S. Air Force, Bundeswehr, Rolls-Royce

Specification MIL-P-85891 approved

Standard sizes

12 - 16 mesh	0.80 - 1.20 mm
20 - 30 mesh	0.60 - 0.80 mm
20 - 40 mesh	0.40 - 0.80 mm
30 - 40 mesh	0.40 - 0.60 mm
40 - 60 mesh	0.25 - 0.40 mm

Physical characteristics

Hardness according to Mohs	3.0 - 3.5
Specific weight (gr./cm ³)	1.10 - 1.20
Powder density (gr./ltr.)	550 - 650

Chemical characteristics

pH-value at 250 gr./l H ₂ O, 20°C	4 - 8
Organic, soluble components	max. 0.5 %
Ash content	max. 2 %

Resistance to

weak acids and lyes	resistant
strong acids and lyes	not resistant
organic solvents	resistant

Thermal properties

Flash point	> 100°C
Thermal decomposition	approx. from 100°C
Lower explosion limit:	no data available
flammability UL 94 1.6 mm	V-0