

Technical Data

Plastic Blast Media Type III

Chemical characterisation

granulated aminoplast (MELAMINE) according to ISO 2112
DIN 7708 Typ 152.7

Shape granular, polygonal, scharp

Shelf life unlimited, if stored in a dry place

Country of origin Germany

Approvals

U.S. Air Force

Specification MIL-P-85891 approved

Standard sizes

12 - 16 mesh	1.20 - 1.70 mm
12 - 20 mesh	0.80 - 1.70 mm
16 - 20 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
60 - 80 mesh	0.18 - 0.25 mm

Physical characteristics

Hardness according to Mohs	4.0
Specific weight (gr./cm ³)	1.45 - 1.52
Powder density (gr./ltr.)	700 - 800

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	not applicable
Thermal decomposition	approx. from 450°C
Lower explosion limit:	not applicable (emerging dust: ST1 = 200bar m/s)
flammability UL 94 1.6 mm	V-0