

Glass Bead Blast Cleaning Material

Glass bead impact media is formulated from chemically inert soda-lime glass and is spherical in shape. Glass bead blasting can be utilized for cleaning, finishing, deburring, and peening processes. Common applications include removal of carbon deposits, heat treat scale, and weld discoloration, cleaning of molds, finishing of food preparation and medical equipment, deburring of cast, machined and stamped parts, peening of aerospace and automotive parts. In many cleaning & finishing applications, glass bead blasting can replace a multi-step process with a single, efficient, and economical one-step process.

MIL Spec G-9954A Designation	U.S. Sieve	Nominal Diameter				Min % Round
		Inches		Microns		
		MAX	MIN	MAX	MIN	
3	20-30	.0331	.0234	850	600	65
4	30-40	.0234	.0165	600	425	70
5	40-50	.0165	.0117	425	300	70
6	50-70	.0117	.0083	300	212	80
7	60-80	.0098	.0070	250	180	80
8	70-100	.0083	.0059	212	150	80
9	80-120	.0070	.0049	180	125	80
10	100-170	.0059	.0035	150	90	90
11	120-200	.0049	.0029	125	75	90
12	140-230	.0041	.0025	106	63	95
13	170-325	.0035	.0017	90	45	95

Potters In- House Designation	U.S. Sieve	Nominal Diameter				Min % Round
		Inches		Microns		
		MAX	MIN	MAX	MIN	
A	20-30	.0331	.0234	850	600	65
AAA	25-45	.0278	.0139	710	335	65
B	30-40	.0234	.0165	600	425	65
C	40-60	.0165	.0098	425	250	75
AA	40-70	.0165	.0083	425	212	70
D	50-70	.0117	.0083	300	212	75
AB	50-80	.0117	.0070	300	180	70
AC	60-120	.0098	.0059	250	125	80
AD	70-140	.0083	.0041	212	106	80
AE	100-170	.0059	.0035	150	90	85
AG	120-270	.0041	.0021	125	53	85
AH	170-325	.0035	.0017	90	45	85
AL	170-Finer	.0035	.0015	90	38	80
AI	270-Finer	.0021	.0015	53	38	80
AQ	325-Finer	.0018	.0015	45	10	80
AS	400-Finer	.0015	Finer	38	5	80

Physical Properties:

Shape: Spherical	Specific Gravity: 2.45-2.50
Hardness: 2 knoop	Compressive Strength: 36,000 psi
Color: Clear	Free Silica Content: 0%
Density: 2.5 g/cc	