



SURFACE FINISHING SPECIALISTS

# BLAST MEDIA: POTTERS GLASS BEAD

STOCK SIZE	*SIEVE OPENING (IN MICRONS)	SIEVE OPENING (IN INCHES)	U.S. SIEVE NO	MINIMUM % TRUE SPHERES	
A	850 – 600	.0331-0.234	20-30	65	<b>Coarse</b>
B	600 – 425	.0234-.0165	30-40	65	↓
C	425 – 250	.0165-.0098	40-60	75	↓
*D	300 – 212	.0117-.0083	50-70	75	↓
*AA	425 – 212	.0165-.0083	40-70	70	↓
AB	300 – 180	.0117-.0070	50-80	70	↓
AC	250 – 150	.0098-.0059	60-100	80	↓
AD	212 – 106	.0083-.0041	70-140	80	↓
AE	150 – 90	.0059-.0035	100-170	85	↓
*AG	106 – 53	.0041-.0021	140-270	85	↓
AH	90 – 44	.0035-.0017	17-325	85	↓
*AI	MINUS 53 or finer	MINUS .002	MINUS 270	85	<b>Fine</b>
INDA	300 – 106	.0117-.0041	50-140		<b>Medium mix</b>

\*Available ex manufacturer only, not held in stock  
 Information on Mil-spec Glass Bead (military specification) available upon request

*'World Leaders in Glass Bead Technology'*

 Potters respects the environment by recycling over one billion pounds of glass each year.



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**BLAST MEDIA POTTERS GLASS BEAD**

## GLASS BEAD BLASTING APPLICATIONS

**ALUMINIUM** ... Deburrs, levels and smoothes: finishes, improves wear and lubricating qualities. Excellent for decorative finishes. Perfect preparation for anodizing. **AD, AE or AH 280kpa (40 psi)**

**CARBON DEPOSITS** ... Glass Bead removes stubborn carbon without disturbing original dimensions of parts.  
**AC 420 kpa (60 psi)**

**DESCALING** ... Mill, heat treat and corrosion scale can be quickly removed to provide a smooth, chemically pure surface. **AD or AE 350-500 kpa (50-70 psi)**

**CYLINDERS** ... Lubrication and wearing qualities are generally improved – friction is reduced.  
**AC 350-420 kpa (50-60 psi)**

**PUMP & METER RECONDITIONING** ... Glass bead removes all corrosion leaving parts ready for reassembly.  
**AD or AE 280-420 kpa (40-60 psi)**

**BEARINGS** ... Increases life... reduces wear: provides ideal surface for lubrication retention.  
**AB or AC 420-560 kpa (60-80 psi)**

**GEARS** ... Will not alter dimensions or damage delicate areas. Removes burrs, tool marks. Improves qualities of wear.  
**AC or AD 420-560 kpa (60-80 psi)**

**CASTINGS** ... Cleans and levels surfaces, removes sand, no imbedment remains to complicate machine ability.  
**AC or AD 280-42 kpa (40-60 psi)**

**MOULDS** ... Will not damage or change dimensions of moulds. Offers quick, safe removal of residual deposits from rubber, plastic and glass moulds, no contamination, no imbedment... increased production life.  
**AE 300-500 kpa (50-70 psi)**

**PLASTICS** ... Micro-etched surface produced by glass bead improves adhesion of paint, metal coatings, bonding and other applications. **AE or AH 210 kpa (30 psi)**

**PLATING** ... Leaves no foreign matter or contaminants. Produces smooth, pure bonding surface.  
**AE 350 kpa (50 psi)**

**PRECISION PARTS** ... Improves wear, lubrication and fatigue strength qualities; removes burrs, no need for masking ... Glass bead performs without damage to most delicate areas.  
**AD, AE or AH 175-350 kpa (25-50 psi)**

**ELECTRICAL PARTS**... removal of oxide and varnish from motor components.  
**AE 210-350 kpa (30-50 psi)**

**ELECTRICAL PARTS**... Removal of epoxy. **AB or AC 40kpa (60 psi)**

**STAINLESS STEEL** ... Surface flaws easily detected. Provides glare free stain smooth finish.  
**AE or AH 210-280 kpa (30-40 psi)**

**INSTRUMENT PARTS** ... Removal of corrosion on heavy or light items.  
**AE 175-210 kpa (25-30 psi)**

**VALVES** ... Provides controllable surface finishes, uniform operation and precision fit. Excellent for hard to reach internal areas without altering critical dimensions. Sliding and sealing contacts are greatly improved.  
**INDA 280-400 kpa (40-60 psi)**

**NON METALLIC** ... Matte-satin finishes on plastics, ceramics, woods, stone and other materials may be Achieved with Glass Bead. It is especially effective in producing special decorative effects.  
**Variable pressure & sizes**

**REJECTED PARTS** ... Parts rejected because of tool marks, improper finish or minor surface imperfections can be economically salvaged with Glass Bead treatment.  
**Inda at various pressures**

**PAINT REMOVAL** ... Leaves surface ready for re-coating.  
**C or AB 420-560 kpa (60-80 psi)**

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