

AMACAST Stainless Steel Shot

Chemical Composition

Chromium (metallic) 16 – 20%
Nickel 6 – 10%
Silicon 3% max
Manganese 2% max

Sizing

U.S. Sieve Size	Sieve Opening		AMACAST Screening Specifications				
	(in)	(mm)	ES-750	ES-600	ES-450	ES-300	ES-180
12	0.0661	1.70	All Pass				
14	0.0555	1.40					
16	0.0469	1.18	10% max	All Pass			
18	0.0394	1.00					
20	0.0331	0.850		10% max	All Pass		
25	0.0278	0.710			5% max		
30	0.0234	0.600				All Pass	
35	0.0197	0.500	95% min			5% max	
40	0.0165	0.425		95% min			All Pass
45	0.0139	0.355					
50	0.0117	0.300			95% min		10% max
60	0.0098	0.250					
70	0.0083	0.212				85% min	
80	0.0070	0.180					
120	0.0049	0.125					
140	0.0041	0.106					90% min

Product Specifications

Microstructure: Austenitic. Develops magnetic attraction as work hardened.
Shape: Round
Density: 7 gm / cc
Hardness: 200 Hardness Vickers (HV)
470 Hardness Vickers (HV) after typical use (approx. 47 HRC)

AMACAST Applications

AMACAST is recommended where ferrous contamination must be avoided

- Cleaning of aluminum and other non-ferrous parts
- Surface finishing of stainless steel parts
- Zinc pressure die castings
- For use in blast cabinets
- An alternative for glass beads