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**ÇELİK
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ÇELİK GRANÜL

Bayık Çelik Granül, uluslararası SAE J2175 normunda düşük karbonlu çelik bilye üretimi ile ülke ekonomisine değer katmaya devam etmektedir.

ÜRÜNLERİMİZ



S-930



S-780



S-660



S-550



S-460



S-390



S-330



S-280



S-230



S-170



S-110



S-70



B BAYIK

ÇELİK GRANÜL

Çelik bilyeler 25 kg'lık polietilen torbalarda paketlenir ve 1 tonluk paletlere dizilerek ambalajlama yapılır. Paketlemede geri dönüşümlü doğa dostu malzemeler kullanılmaktadır.



Ürünlerimiz indüksiyon ocaklarında tam otomatik sistem ile dökülerek, SAE J444 normuna uygun olarak eleme yapılır.



Üretim, eritme ve eleme sırasında ortaya çıkan kirli hava ve toz yüksek emiş kapasiteli sistem ile toplanarak çevreye zarar verilmemektedir.

Screen Analysis

SAE Size	Opening mm	Percent (%)by Weight											
		S930	S780	S660	S550	S460	S390	S330	S280	S230	S170	S110	S70
7	2.80		All Pass										
8	2.36	85% Min		All Pass									
10	2.00	97% Min	85% Min		All Pass	All Pass							
12	1.70		97% Min	85% Min		5% Max	All Pass						
14	1.40			97% Min	85% Min		5% Max	All Pass					
16	1.18				97% Min	85% Min		5% Max	All Pass				
18	1.00					96% Min	85% Min		5% Max	All Pass			
20	0.85						96% Min	85% Min		10% Max	All Pass		
25	0.71							96% Min	85% Min		10% Max		
30	0.600								96% Min	85% Min		All Pass	
35	0.500									97% Min		10% Max	
40	0.42										85% Min		All Pass
45	0.35										97% Min		10% Max
50	0.300											80% Min	
80	0.180											90% Min	80% Min
120	0.12												90% Min

Steel Shots Grades, Sizes, Finishes and Applications

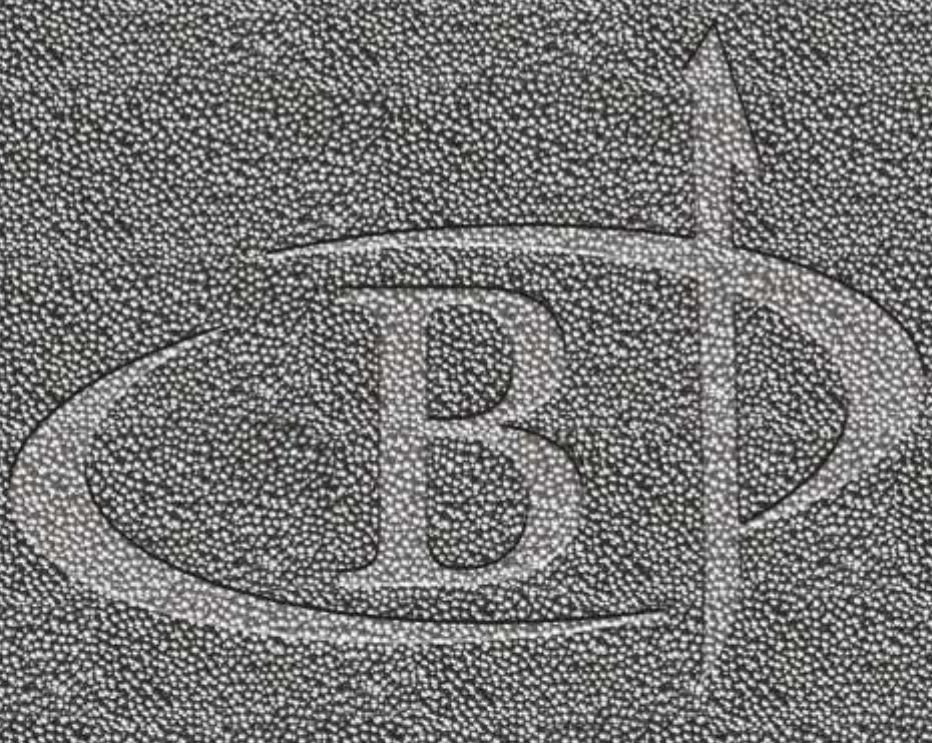
Shot Grade	Finish	Applications
S-70	Fine, smooth shot finish. Excellent coverage.	Blasting of relatively small ferrous and non-ferrous castings. Removal of light scale from foreign and heat treated parts. Blasting of machined parts. Removal of mill scale, rust and other deposits
S-110		
S-170		
S-230	Medium, light shot finish. Good coverage.	Blasting of grey iron, malleable iron, light steel castings, medium forgings, heat-treated parts and heavy mill scale - rust and other deposits.
S-280		
S-330		
S-390	Average to heavy shot finish. Average coverage.	Blasting of steel, heavy malleable iron and grey iron castings. Removal of scale from large billets, slabs - rust and other deposits.
S-460		
S-550		
S-660 S-780	Rough coverage. Adequate for most applications.	Heavy steel castings, Removal of tough, heavy scale.

Chemical & Physical properties, composition of steel shot:

Chemical Composition (%)	Cast Steel Shot		
Carbon	0.09 - 0.15		
Manganese	1.20 - 1.50		
Silicon	0.10 - 0.25		
Sulfur	0.035 max		
Phosphorous	0.035 max		
Typical Physical Properties	Steel Shot		
Hardness	40-50 HRC (390-510 H.V)		
Hardness Deviation	Maximum deviation +3.0HRC		
Microstructure	Bainitic (Beynit)		
Minimum Density	7.0 g/cm ³		
Appearance & Odor	Spherical -- No Oder		



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