



**Metaltec  
Steel  
Abrasive Co.**  
Premium BAINITE  
Steel Shot

# SPECIFICATION SHEET

## S-930

CHEMISTRY	Carbon: 0.10 to 0.15% Silicon: 0.10 to 0.25% Manganese: 1.20 to 1.50% Aluminum: 0.05 to 0.15% Phosphorus: 0.035% max. Sulfur: 0.035% max.	SAE J2175															
SCREENING	<table border="1"> <thead> <tr> <th>Sieve</th> <th>Opening</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>0.1320</td> <td>A/P</td> </tr> <tr> <td>7</td> <td>0.1110</td> <td></td> </tr> <tr> <td>8</td> <td>0.0937</td> <td>90% min.</td> </tr> <tr> <td>10</td> <td>0.0787</td> <td>97% min.</td> </tr> </tbody> </table>	Sieve	Opening	Specification	6	0.1320	A/P	7	0.1110		8	0.0937	90% min.	10	0.0787	97% min.	SAE J444
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6	0.1320	A/P															
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8	0.0937	90% min.															
10	0.0787	97% min.															
HARDNESS	40 - 50 Rc, typical 44.5%	SAE J2175															
% ROUNDS	< 5% non-spherical (length > 2 x width), typical < 3%	SAE J2175															
% VOIDS AND HOLLOWES	< 10% voids and hollowes, typical < 2%	SAE J2175															
NON-MAGNETIC MATERIAL	< 1% non-magnetic material, typical < 0.5%	SAE J2175															
DENSITY	> 235 - 265 lb/cubic foot (dry method)	METALTEC															
DURABILITY	> 2600 passes (Ervin Test), typical 2700	METALTEC															
PACKAGING	50 lb. bags, 2000 lb. drums, 2000 - 4000 lb. hoppers, bulk dump truck, other custom packaging available upon request.																

*All abrasives supplied by Metaltec Steel Abrasive are proudly produced, processed and packaged by the teams at Metaltec's Canton, Michigan plant. Quality system registered to ISO 9001:2000 standard.*

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