



SPECIFICATION COMPARISON SHEET

SPECIFICATION	BAINITE SAE J2175	TEMPERED MARTENSITE SAE J827
CHEMISTRY Carbon: Silicon: Manganese: Aluminum: Phosphorus: Sulfur:	0.10 to 0.15% 0.10 to 0.25% 1.20 to 1.50% 0.05 to 0.15% 0.035% max. 0.035% max.	0.60 - 1.20% 0.40% min 0.35 - 1.20% --- 0.050% max 0.050% max
HARDNESS	40 - 50 Rc	40 - 51 Rc
% ROUNDS AND HOLLOWS	< 15% non-spherical (length > 2 x width) and hollows	< 15% non-spherical (length > 2 x width) and hollows
NON-MAGNETIC MATERIAL	< 1% non-magnetic material	< 1% non-magnetic material
DENSITY	> 7 g/cc (wet method)	> 7 g/cc (wet method)
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.

Metaltec Steel Abrasive Company
 41155 Joy Road
 Canton, MI 48187
 (734) 459-7900 phone
 (734) 459-7907 fax