



Geakkrediteer  
deur de  
Nederlandse  
Akkrediterinst

## LABORATORY DIVISION -MATERIAL SPECIFICATION

MATERIAL

SM(SEMI METALLIC)

APPLICATION

Disc brake mix is a heavy duty off highway carbon metallic disc brake formula and has excellent friction stability at elevated temperatures, it also exhibits one of the highest resistance to wear. The pad has good thermal dissipation characteristics and optimum results are obtained on cast rotors. The material contains no asbestos and is silver and black in appearance.



PHYSICAL TEST PROPERTIES

NOMINAL COEFFICIENT OF FRICTION	0.38 $\mu$
ULTIMATE TENSILE STRENGTH	466 Kg/cm <sup>2</sup>
ULTIMATE SHEAR STRENGTH	509 Kg/cm <sup>2</sup>
DENSITY	3.3 g/cm <sup>3</sup>
NOMINAL HARDNESS	38.7 HB



THERMAL ANALYSIS

