

# SULFEX® RED

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## DESCRIPTION

SULFEX® RED, distributed by Washington Mills, is prepared from carefully selected pure monocrystalline iron pyrites (FeS<sub>2</sub>). SULFEX® RED consists of finely grained Pyrite crystal splinters, which increases the thermal conductivity, the tensile strength, and the porosity of resin-bonded grinding wheels and cut off wheels.

SULFEX® RED improves durability and performance of organic bonded abrasives by reducing the temperature in the contact zone or the work piece and cut off / grinding wheel.

## APPLICATIONS

SULFEX® RED is used as a grinding-active filler in resin-bonded grinding wheels and cut off wheels, brake linings, etc. It can be used alone or in combination with other active fillers in organic bonded abrasives.

## TYPICAL CHEMICAL ANALYSIS\*

S	50% +/- 2%
Fe	44% +/- 2%

\* SULFEX® RED is produced out of natural minerals and changes in the compositions of the raw material can occur, these technical data are to be seen as typical values.

## SAFETY REMARKS

Consult appropriate MSDS.

## TYPICAL PHYSICAL PROPERTIES

Color	Powder dark grey to black
Bulk Density	1.4 min to 1.9 max g/cm <sup>3</sup>
pH	4 to 7
M. Volatile 105°C	0.20%

## LASER GRANULOMETRY

	% Passing
D10	8 µm max
D50	25 µm max
D90	60 µm max

This product information is NOT a specification. It is offered in good faith only as a general description of the product. **Washington Mills makes no warranty of merchantability or of fitness for any particular purpose.** The product chemistry and other characteristics may vary or contain trace elements not specifically listed. If your intended application for this product is so critical that relatively minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance.