

SULFEX® 600

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DESCRIPTION

SULFEX® 600, distributed by Washington Mills, is prepared from carefully selected pure monocrystalline iron pyrites (FeS_2). SULFEX® 600 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® 600 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® 600 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	min 44%
Fe	min 38%

* SULFEX® 600 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
Shelf Life	6 months
Packaging	25 kg plastic pails - 12 pails per pallet
Weight Loss @ 70°C	max 0.6%

LASER GRANULOMETRY

	% Passing
D50	10 μm max
D90	15 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.

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