



255 Fountain Street Akron, Ohio 44304-1991  
 330-535-2100 ♦ 800-321-2260 ♦ Fax 330-535-8947

**ZINC PRODUCTS**  
**-ZINC OXIDES-**

**ZINC OXIDE RGT-Z**

**DESCRIPTION:**

Zinc Oxide RGT-Z is a French Process Zinc Oxide made from high purity zinc metal. The RGT-Z Zinc Oxide is treated with propionic acid and a light process oil to aid rubber incorporation and reduce dusting of the powdered zinc oxide.

**USES:**

Zinc Oxide RGT-Z is a general purpose oxide serving as a cure activator in rubber compounds. Being a French process zinc, it can be used in white and colored rubber articles, where a zinc oxide of good color and high chemical purity is desirable.

**TYPICAL ANALYSIS:**

*Chemical:*

ZnO.....	99.3%
PbO.....	10 ppm (.001%)
CdO.....	50 ppm (.005%)
Fe2O3.....	10 ppm (.001%)
CuO.....	< 5 ppm (<.0005%)
MnO.....	< 5 ppm (<.0005%)
Propionic Acid.....	0.20%
Process Oil.....	0.30%

*Physical:*

Surface Area.....	5.0 m <sup>2</sup> /g
Mean Particle Size.....	0.21 microns
Specific Gravity.....	5.6 g/ml
Apparent Density.....	50 lb/ft <sup>3</sup>
Passing 325 mesh.....	99.99%

sb050197  
 T-RGT-Z.DOC

Included with its product literature and upon the request of its customers, Akrochem provides product specifications and evaluations, suggested formulations and recommendations and other technical assistance, both orally and in writing (collectively the "Technical Information"). Although Akrochem believes all Technical Information to be true and correct, it makes no warranty, either express or implied, as to the accuracy, completeness, or fitness of the Technical Information for any intended use, or the results which may be obtained by any person using the Technical Information. Akrochem will not be liable for any cost, loss or damage, in tort, contract or otherwise, arising from customer's use of Akrochem products or Technical Information. It is the customer's sole responsibility to test the products and any Technical Information provided to determine whether they are suitable for the customer's needs. Before working with any product, the customer must read

and become familiar with available information concerning its hazards, proper use, storage and handling, including all health, safety, and hygiene precautions recommended by the manufacturer. Nothing in the Technical Information is intended to be a recommendation to use any product, method, or process in violation of any intellectual property rights governing such product, method, or process. No license is implied or granted by Akrochem as to any such product, method, or process. AKROCHEM CORPORATION DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, RELATED TO ANY PRODUCTS OR TECHNICAL INFORMATION PROVIDED BY AKROCHEM.