



3770 Embassy Parkway Akron, Ohio 44333

3.30-5.35-2100 ♦ 800-321-2260 ♦ Fax 3.30-5.35-8947

MINERAL FILLERS
-ADDITIONAL-

AKROFLON 5R
-Polytetrafluoroethylene-

PRODUCT DESCRIPTION:

Akroflon 5R is a white free-flowing PTFE micropowder. The powder is designed for use as an additive in elastomers or plastics where improved lubricity and/or wear resistance is required. PTFE powders can withstand temperatures as high as 260°C (500°F). Akroflon 5R meets FDA requirements of 21 CFR 175.105, 175.300, 176.170, and 176.180.

TYPICAL PROPERTIES:

Appearance	white powder
Average Particle Size, μ	5
Specific Gravity	2.15
Melting Point, °F / °C.....	608 / 320
Packaging.....	50 pound net weight containers

APPLICATIONS:

Akroflon 5R used in elastomeric parts provides slip (low CoF), non-stick, water repellency, release, rub and abrasion resistance to surfaces. Akroflon 5R is also recommended for use in water-based, solvent-based, powder and UV coatings, and offset and liquid inks.²

HANDLING AND SAFETY:

Akroflon 5R can release minor amounts of hazardous decomposition products at elevated temperatures. Process equipment should be vented and adequate ventilation provided in the work area. Please refer to the safety data sheet for further information.

rh- 3/18
X-akroflon 5r

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.