



3770 EMBASSY PARKWAY AKRON, OHIO 44333  
 330-535-2100 ♦ 800-321-2260 ♦ FAX 330-535-8947

**ELASTOMERS**  
**-NITRILE-**

**APCOFLEX® N745**

**PRODUCT DESCRIPTION:**

Apcoflex N745 is a copolymer of butadiene and acrylonitrile manufactured by advanced cold emulsion polymerization. It is a non-staining, medium low mooney, and medium high acrylonitrile polymer designed to aid in processing operations such as extruding and calendering. One of the most important properties is exceptional resistance to attack by most oils and solvents. It also offers better abrasion resistance and gas permeability than the general-purpose elastomers like natural rubber and SBR. These attributes are a result of the highly polar characteristic of acrylonitrile, the content of which determines the level of resistance.

**TYPICAL PROPERTIES:**

Appearance .....	Light Brown
Specific Gravity, gm/cc .....	0.98
Mooney Viscosity, ML (1+4) @100°C .....	42
Bound ACN, Content .....	33.0
Stabilizer.....	Non-Staining

**APPLICATION:**

Apcoflex N745 is recommended for use in shoe products, chemically blown sponge, oil field products, industrial and automotive molded and extruded parts.

**PACKAGE AND FORM:** 55.0 and 77.0 lb. bale

**STORAGE:**

Store in original packaging away from direct sunlight and sources of heat.

x-Apcoflex N745 (ST # 79841)  
 tee 8/25/2021

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.