



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

RESINS & TACKIFIERS
-PHENOLIC-

P-86 RESIN
-PHENOLIC NOVOLAC RESIN-

PRODUCT DESCRIPTION:

Thermoplastic as received and requires the addition of 8% hexa to make it properly thermosetting. This is the basic resin for P-87 (which contains 8% hexa).

PHYSICAL PROPERTIES:

Physical Form.....	Brown Flakes
Specific Gravity.....	1.16
Melting Point (Ball & Rings).....	95°C
Solubility.....	Ketones and blends of alcohols and aromatics
Storage Stability.....	Completely stable

GENERAL RECOMMENDATIONS:

Compatible in all proportions in nitrile rubber. Modification of the phenolic resin with a cashew nut oil improves NBR compatibility and dispersibility. Recommended for use where scorching or pre-curing is encountered with resins containing hexa. The use of P-86 allows full advantage to be taken of its plasticizing action during processing without fear of pre-curing. The hexa can then be added late in the mixing cycle or on the warm-up mill to make the resin thermosetting upon application of heat in the cure. The hexa used should be the finely ground rubber accelerator grade.

SHIPPING CONTAINER:

Standard container is a 50 pound bag.

PRECAUTIONARY LABELLING:

In common with other supplies of plastics and chemicals, the precautionary label recommended by the Manufacturing Chemists Association for this material reads as follows:

CAUTION: MAY CAUSE SKIN IRRITATION. Avoid prolonged contact with the skin. Avoid prolonged breathing of vapor or dust. Use with adequate ventilation.

sb010597, T-P86.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.