



PRODUCT DATA SHEET

AMBERSEP 359 is an inert material used as a spacer resin in all Ambersep units (three-component mixed bed).

Its density and particle size are specifically designed to form an inert layer when backwashing an Ambersep unit composed for instance of :

- Macroreticular resins : AMBERSEP 252 H and AMBERSEP 900 OH or AMBERSEP 900 SO₄,
- Gel type resins : AMBERJET 1500 H and AMBERJET 4200 Cl.

PROPERTIES

Appearance _____	White beads
Matrix _____	Polyacrylic
Moisture holding capacity _____	13 % maximum
Shipping weight _____	45 lbs/ft ³
Harmonic mean size _____	0.49 to 0.64 mm
Uniformity coefficient _____	1.5 maximum
Operating pH range _____	0 to 14
Operating temperature _____	160 °F maximum
Swelling _____	0

Test methods are available on request.

LIMITS OF USE

AMBERSEP 359 is suitable for industrial used. For other specific applications such as *pharmaceutical, food processing or potable water applications*, it is

recommended that all potential users seek advice from Rohm and Haas Company in order to determine the best resin choice and optimum operating conditions.



AMBERJET is a trademark of Rohm and Haas Company and its affiliates, Philadelphia, U.S.A.

Ion exchange resins and polymeric adsorbents, as produced, contain by-products resulting from the manufacturing process. The user must determine the extent to which organic by-products must be removed for any particular use and establish techniques to assure that the appropriate level of purity is achieved for that use. The user must ensure compliance with all prudent safety standards and regulatory requirements governing the application. Except where specifically otherwise stated, Rohm and Haas Company does not recommend its ion exchange resins or polymeric adsorbents, as supplied, as being suitable or appropriately pure for any particular use. Consult your Rohm and Haas technical representative for further information. Acidic and basic regenerant solutions are corrosive and should be handled in a manner that will prevent eye and skin contact. Nitric acid and other strong oxidising agents can cause explosive type reactions when mixed with Ion Exchange resins. Proper design of process equipment to prevent rapid buildup of pressure is necessary if use of an oxidising agent such as nitric acid is contemplated. Before using strong oxidising agents in contact with Ion Exchange Resins, consult sources knowledgeable in the handling of these materials.

Rohm and Haas Company makes no warranties either expressed or implied as to the accuracy or appropriateness of these data and expressly excludes any liability upon Rohm and Haas arising out of its use. We recommend that the prospective users determine for themselves the suitability of Rohm and Haas materials and suggestions for any use prior to their adoption. Suggestions for uses of our products of the inclusion of descriptive material from patents and the citation of specific patents in this publication should not be understood as recommending the use of our products in violation of any patent or as permission or license to use any patents of the Rohm and Haas Company and its affiliates. Material Safety Data Sheets outlining the hazards and handling methods for our products are available on request.