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PRODUCT DATA SHEET

AMBERLITE™ RF14

Industrial Grade Inert Polymer

AMBERLITE RF14 resin is an inert polymer with a specific gravity lower than that of water. It has been developed for use as an upper layer in upflow operated ion exchange systems, such as floating beds. The suffix RF means "Reverse-flow".

PROPERTIES

Physical form	Colourless, translucent uniform cylinders
Matrix	Polypropylene
Specific gravity	0.90
Shipping weight	500 to 580 g/L
Particle size	Diameter: 1.2 to 1.5 mm Length: 1.3 to 1.7 mm
Physical characteristics	Hard, attrition resistant

Test methods available upon request

SUGGESTED OPERATING CONDITIONS

Maximum operating temperature	100°C
Minimum bed depth	150 mm

APPLICATIONS

Typical uses for AMBERLITE RF14 resin are as follows:

1. Floating beds, totally or partially compacted, with upflow service run.
2. Conventional beds, with downflow service and upflow regeneration.

In both cases, AMBERLITE RF14 resin is used as an upper layer to prevent the finer active resin from blocking the strainers. This layer also improves the distribution or collection of water or regenerant above the resin bed.

LIMITS OF USE

AMBERLITE RF14 resin is suitable for industrial uses. 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 in order to determine the best resin choice and optimum operating conditions.