

## 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.