

Resin Dissolution

The 0.8 g of ionomer resin is a perfect size for 20ml of 5%wt ionomer suspension in ethanol.

100% Ethanol (or 200 proof) is **required** for dissolution. Water content can cause significant difficulty in suspension preparation.

For every 0.8 g of dry ionomer resin, please add 15.2 g pure ethanol followed by gentle shaking on a [roller](#) or a [shaker](#).

Ultrasonic bath is an alternative option but be very cautious about water leakage which could cause uneven dissolution.

The dissolution usually can be finished on a roller within a couple hours. It may vary, depending on specific selection of equipment and parameters.

Both the solid and liquid ionomers should be stored at ambient temp. and avoiding direct sunlight.

100% Ethanol is both volatile and hygroscopic. Proper sealing is strongly recommended.

The well-prepared and properly stored ionomer suspension is highly stable for years.