Product Information

Preliminary Information Bulletin
XT-551

Description: XT-551, is a rapidly curing tin-catalyzed RTV-2 silicone rubbers. It offers a working time of one hour, a demold time of 4 hours and are virtually cured in 8 hours at 70°F / 50% Relative Humidity. The rapid cure allows two pours in one day. This product cures with very low shrinkage and has an outstanding library life. It also has a relatively high modulus making it an excellent choice for prototyping.

Mixing Directions: Mix 100 parts by weight of the Base with 10 parts by weight of the Activator in a container that will hold 2 to 3 times the volume of the rubber. Thoroughly mix and then deaerate in a vacuum chamber capable of 28 inches of mercury vacuum. The material will expand and then collapse. Maintain the vacuum for an additional minute and then remove.

XT-551A is very sensitive to temperature and humidity - higher temperatures and/or higher humidity will cause this product to cure more rapidly, while lower temperatures and/or lower humidity will cause this product to cure more slowly.)

The information contained in this product information sheet is based on sources believed to be accurate. It is offered in good faith, but without guarantee since the conditions of use are beyond our control. All risks of use are assumed by the user.