

## G007-UNA

### POLYESTER PLASTICIZING RESIN

#### CHARACTERISTICS:

**G007-UNU** is a low reactive, non-thixotropic unsaturated polyester resin designed specifically to impart flexibility to resin systems, as well as to improve shock absorbance and impact resistance.

**G007-UNU** is suitable for reducing the exotherm of medium-reactive and high-reactive resins, and its plasticizing properties allow for the reduction of cure shrinkage. The low-reactivity of **G007-UNU** ensures that resin blends incorporating **G007-UNU** will have even heat dissipation, thereby allowing the fabrication of fairly thick casts without the risk of cracking.

**G007-UNU** is non-accelerated, and does not contain solvent, and is therefore designed as an additive to polyester resin systems. **G007-UNU** has an indefinite shelf-life, and is not subject to gellation on its own.

#### LIQUID PROPERTIES:

PROPERTY	SPECIFICATION
Liquid appearance	Clear to pale yellow
Viscosity (Gardner-Holdt) @ 25 °C	Z – Z <sub>2</sub>
Non-volatile content	100 %
Acid value	10 – 20 mg KOH / g
Shelf life stability	Indefinite

#### STORAGE CONDITIONS:

**G007-UNU** should be stored in closed conditions so as to avoid contamination.

First in- first out stock rotation must be adhered to in order to obtain optimum performance from this product. If screw top drums are stored in open air conditions for any length of time they should be kept in a horizontal position to avoid ingress of water.

## **LIMIT OF LIABILITY APPLIES**

The information included in this document is given in good faith and is intended to assist you the customer in determining the suitability of this product for your application. Due to the diverse applications and conditions in which many of our products may be used, we request that you, the user, test and inspect our product to satisfy yourself of its contents and suitability for your specific need. This document does not constitute any guarantee or warranty expressed or implied. The exclusive remedy for all proven claims is replacement of our product and under no circumstances shall we be liable for any special, consequential or incidental damages.

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