

# PLACCEL L220AL

## Liquid type Polycaprolactone diol

### <Introduction>

Ordinary polycaprolactone diol with the molecular weight of 2000, is a highly crystalline, waxy substance, and the melting point is 53-55°C. On the other hand, PLACCEL L220AL is an amorphous and viscous liquid of polycaprolactone diol.

This liquid polycaprolactone diol is easier to handle than the waxy ones. Besides, we can make a polyurethane which has an excellent mechanical property such as good elastic recovery by using the liquid type polycaprolactone diol.

PLACCEL L220AL has a wide range of applications, such as urethane adhesive, urethane binder for photogravure ink, polyurethane elastomer and plasticizer for paint and epoxy-resin.

### <Property of PLACCEL L220AL>

The properties of PLACCEL L220AL are shown in Table 1. Here we compare with PLACCEL 220, which is ordinary polycaprolactone diol and waxy at room temperature.

Table 1. Properties of PLACCEL L220AL

Item	Molecular Weight (g/mol)	Appearance (%)	Color (Pt-Co)	Oil Soluble (mg/100g)	Acid Soluble (mg/100g)	Water (%)	Residual Solids (%)
PLACCEL L220AL	2000	100%	10	10.0	0.01	0.005	99.98
PLACCEL 220	2000	100%	10	10.7	0.05	0.005	-

\* Values are based on typical property values shown in the technical data sheet as representative values and are not guaranteed values. Please contact us to obtain exact product and guaranteed values.

Please refer to our MSDS (safety data sheet) for information on the handling of each product.

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