



TECHNICAL DATA SHEET

POLESTER-7221

Non-accelerated unsaturated polyester resin

SPECIAL PROPERTIES AND USE

Medium reactivity. Excellent gloss. Optical clear. Low shrinkage. High filler loading without crack.

GENERAL PROPERTIES

Polester-7221 is a medium viscous unsaturated polyester resin of medium reactivity. It can be cured at ambient temperature as well as at elevated temperature. Cured **Polester-7221** is optical clear and low shrinkage.

Polester-7221 can be thinned with styrene at any ratio, however, additions of styrene are not recommended since the specific properties will be adversely influenced.

APPLICATIONS

Polester-7221 is designed particularly for clear and filler casting. Even larger blocks (1 kg and more) may be produced without cracks.

PACKING AND STORAGE

Steel drum, net weights 230 kg.

CHARACTERISTICS

Appearance Clear to Yellowish

Color (APHA) 50 max

Acid Value (mg KOH/g):
Din 53402 30 max

Viscosity (cPs.):
(Brookfield, 25°C) 800 - 1200

Solid content (%)
120°C / 20 min 65 - 67

Gel time, minute, 25°C
Polester-921 = 100 g.
1% Co-Octoate = 1.0 g.
50% MEKPO = 2.0 g. 4 - 8

Density
25°C (g/m³) Ca. 1.12

Flash Point °C
DIN 53213 Ca. 34°C

STORAGE STABILITY

Polester-7221 must be kept away from sources of ignition and heat and not in direct sunlight. It is recommended the storage temperature should not exceed 25 °C. At 25 °C (no access of air and light) storage stability more than 6 months