

# TORPOL-X

## POLYESTER SHELF-LIFE EXTENDER

### TECHNICAL SPECIFICATION

TORPOL-X is not equivalent to hydrokinon. Hydrokinon provides the protection of polyester against the oxygen in the air. The oxygen in the air is an initiator for polyester. Hydrokinon binds the oxygen by giving kinon. TORPOL-X is irrelevant with oxygen. TORPOL-X prevents the formation of new radical or the radicals which were formed in waiting period by the oxygen in the air. Because of that reason and the less usage of TORPOL-X instead of Hydrokinon. TORPOL-X doesn't effect the forming time of "curing" during the polyester usage. However, Hydrokinon and its derivatives are oxygen absorbents and they combine with peroxide giving kinon and they increase the quantity of peroxide needed for polymerization. In another way, Hiydrokinon prolongs the time of "curing", whereas TORPOL-X does not.

<b>MELTING POINT</b>	: 256 - 259 °C
<b>APPEARANCE</b>	: White crystals that are very moisture absorbing.
<b>WATER</b>	: Very good
<b>PURITY</b>	: Damp Doesn't take place in Grass.
<b>METHYL ALCOHOL</b>	: Good
<b>ACETON</b>	: Little
<b>STYREN MONOMER</b>	: Very little
<b>FUNCTION</b>	: Provides stabilization and extends the life of the final polyester product.
<b>RECOMENDED LEVEL</b>	: In Polyester pleats 0.005 - 0.01
<b>USING METHOD</b>	: At 170 °C Polyester is mixed with a little styrene Monomers or given by solubility in methanol