

## PRODUCT INFORMATION DATA SHEET

# LIBNOL KT-25

**(Composite lubricant system for rigid PVC pipes/conduits/profiles)**

**LIBNOL KT-25** is one pack lubricant system recommended for manufacturing Rigid PVC Pipes/conduits/Profiles.

**LIBNOL KT-25** is suitable for both COMMERCIAL RPVC PIPES containing higher filler levels (25 to 40 phr. Filler level) and ISI/PRESSURE PIPES (Containing 8 to 14 phr. Filler level).

**LIBNOL KT-25** is suitable for both Single Screw and Twin Screw Extruders.

**SPECIFICATIONS** : Appearance : Creamish Powder  
Melting Point : 100 - 104°C

**ADVENTAGES** : • One pack Lubricant System-eliminates use of 3 to 4 different conventional lubricants.  
• Total lubricant level reduced by 15 to 20%.  
• Quality of R-PVC Pipes will remain the same even if filler quality varies.  
• Increased production output (by at least 5%)  
• Improves impact strength of commercial pipes.  
• Non yellowing of Pipe due to higher oven heat stability of **LIBNOL KT-25**.

**PROPERTIES** : 1.7 to 2.3 phr. For COMMERCIAL PIPES\*  
0.7 to 1.0 phr. For ISI/PRESSURE PIPES.  
\*(Depending upon filler level)

## **GUIDELINE FORMULATIONS FOR RIGID PVC PIPES:**

### **(A) RIGID PVC PRESSURE PIPES (ISI)**

PVC (K-67)	100 Kgs
TBLS	1.6 Phr
DBLS	0.4 Phr
LS	0.8 Phr
CALCIUM CARBONATE(COATED)	12 Phr
LIBNOL KT-25	1.0 Phr
TITANIUM DIOXIDE/PIGMENTS	AS REQUIRED

### **(B) RIGID PVC COMMERCIAL PIPES**

PVC (K-67)	100 Kgs
TBLS	1.8 to 2.0 Phr
DBLS	0.7 to 0.8 Phr
LS	0.6 to 0.7 Phr
CALCIUM CARBONATE(COATED)	25 to 40 Phr
LIBNOL KT-25	1.7 to 2.3 Phr
TITANIUM DIOXIDE/PIGMENTS	AS REQUIRED

\* High speed mixer = 1200 to 1500 rpm/mixing temp. 120°C