

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

ADVANTAGES :

- ☉ 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**.

USE LEVEL :

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

(PTO)

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