

ITOFLAM CWS is an organo-phosphorus based flame retardant specifically for pad application onto cotton fabrics.

PROPERTIES

- **Appearance** : Clear Liquid
- **Solids Content** : 44 – 48%
- **Solubility** : Soluble in all proportions
- **pH** : 6 – 7
- **Shelf Life** : 12 months if stored between 5°C and 40°C.

APPLICATION

In Padding:

- **ITOFLAM CWS** : 300-600 g/l
- **ITOWET LJ10** : 0.1 – 0.5g/l
- **Pickup**: Assuming 70-80%
- **Drying** : 110°C for 1 min.
- **Curing (Higher temperature)** : 170°C for 1-2 min.
- **Curing (Lower temperature)** : 150°C for 3-5 min.

CHARACTERISTICS

1. Halogen free
2. Formaldehyde free
3. Heavy metal free
4. Reduced risk of yellowing due to good thermal stability of the product
5. No effect on handle with minimal strength loss
6. No catalyst required
7. Meets the following standards after a water soak: BS5852 O&I: BS597 O&I: BS7177: BS 5438: NFPA-701: MVSS 302

DISCLAIMER

The information herein offered is based on the best of our knowledge at present. However, we are not able to guarantee these matters, as the result of application may vary according to conditions adopted. Preliminary tests are, therefore, recommended in all cases. Please refer to MSDS regarding handling of the products.

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