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## TECHNICAL DATA SHEET

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### **INDOFIL VBT** **Acrylic binder for pigment dyeing and finishing**

**INDOFIL VBT** is a acrylate based emulsion used for pigment dyeing and finishing of woven and knitted fabrics composed of cellulosic fibres and their blends with synthetic fibres. Suitable for embossed, schreiner and chintz finishes .

#### **PROPERTIES :**

Appearance	:	milky white emulsion
Emulsifying system	:	Anionic
pH ( as it is )	:	8 +/-1
Solubility	:	miscible in all proportions
Compatibility	:	Compatible with all anionic and non ionic products used in dyeing and finishing . If several products are mixed together , it should be checked in advance .

#### **APPLICATIONS:**

1. Pigment dyeing is done with **INDOFIL VBT** . An emulsifier is recommended to keep the pigment and binder system in homogeneous dispersion . The dispersion must be constantly stirred to keep the pigment particles in suspended form . Low liquor pick up helps to keep the migration of pigment at minimum level . Fast drying must be avoided to reduce the migration level .
2. Finishing can be carried out along with pigment dyeing with **INDOFIL VBT** .  
A guideline general recipe can be suggested as follows ,

Emulsifier	:	1-2 gpl
Silicone ( micro/macro/hydrophilic)	:	10 – 20 gpl
INDOFIL VBT	:	60 – 150 gpl
INDOPRINT Pigment	:	0.1 – 10 gpl

Ph adjusted to 7 . Liquor pick up 60-65% . Drying at 110<sup>0</sup> C , curing at 150<sup>0</sup> C for 4 min or 45 seconds at 170<sup>0</sup> C .

## **BENEFITS OF FINISHING WITH INDOFIL VBT**

- Increases the tear and tensile strength and also the abrasion resistance.
- Reduces the tendency to creasing
- Reduces the tendency to pilling of woven and knitted fabrics.
- Increases resilience and shape recovery.
- Good fastness to washing and dry cleaning.

### **Packing Information**

This product is available in 50 kg and 245 kg curbouy .

### **Storage recommendation**

Keep the product in cool and dry place . Opened package should be sealed properly after use .

### **Shelf Life :**

If kept in original packed condition under shade , the product is stable upto 12 months . The product should be kept away from heat and sun light . If the original seal is opened , the quantity must be consumed immediately .

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