



Axon -N : Scientific Replacement of TiO₂ in Textile Printing Ink (Khadii)

- DESCRIPTION** : Synthetic Coated Magnesium Aluminum Silicates
- PHYSICAL NATURE** : White
- CHEMICAL PROPERTIES**
- ❖ Chemically inert, physically neutral
 - ❖ Does not disturb the polymerizing process of the binder
 - ❖ Does not become yellowish even after years
 - ❖ Does not contain any Zinc, Lead or Sulfur contents
- PACKAGING** : 25 KGS (HDPE Bags)
- SHELF LIFE / STORAGE** : Product has a shelf life of at least 3 year, if stored with sealed
- CHARACTERISTICS**
- ❖ Can be Used as a replacement of TiO₂.
 - ❖ Does not affect the curing process of the acrylic binder.
- SUGGESTED USES**
- ❖ Can be used as a replacement for TiO₂ in khadii.
 - ❖ Used to achieve better sharpness and whiteness.
 - ❖ Used to provide better coverage (per meter)
 - ❖ Suitable for Overlapping as well as for Carbonize type of printing applications

PHYSICAL PROPERTIES

Products	Physical Appearance	Specific Gravity	PH	Avg.Partical Size(Microns)	Refractive Index	Bulk Density (gm/100cc)		Absorbency (gm/100cc)	
						Loose	Tape	Oil	Water
Axon-N	White powder	2.4 – 2.6	7-8	12	1.75 – 1.9	29.72	54.77	81.8	83.2

AXON-RECIPE

INGREDIENTS	WEIGHT
Binder – 4000/SLN	40.00
Water	10.00
Uria	2.00
Emulsifier	2.00
Liquor Ammonia	1.00
Axon- N	35.00
OVERNIGHT SOCKING	
M.T.O.	10.00
Thickener	As Required
Total	100.00

Note: As every printing units have their own recipe of khadi manufacturing. We have suggested the easiest way to make khadii from our TVX-AXON series of powders.

Disclaimer: The said information is provided with good faith. However, our technical advice, information and statements given verbally, in writing or in form of test results – is offered for guidance without warranty. NO WARRANTY OF FITNESS FOR A PARTICULAR URPOSE IS MADE. The user is requested to conduct a small trial of the product prior to the bulk use.