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Axon – TT+ : 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 stroed 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" Khadi "
- 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-TT+	White powder	2.6 – 2.8	7-8	8	1.70 – 1.9	25.5	38.3	90.8	94.8

AXON-RECIPE

INGREDIENTS	WEIGHT
Binder – 4000/SLN	40.00
Water	10.00
Axon- TT+	35.00
Emulsifier (9.5 mol)	3.00
Liquor Ammonia	1.00
OVERNIGHT SOCKING	
M.T.O.	11.00
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 khadi from our TVX-AXON series of powders.