

Zinc Oxide Active “U45”

Zinc Oxide Active “U45” is most suitable to technical rubber and latex goods. It can achieve over 50% dosage reduction, with better activation, improved dispersion and stability. At same dosage, the tensile strength, force at break, aging property etc. are much better while it is able to give the same property at reduced dosage.

SPECIFICATIONS

PROPERTY	UNIT	VALUE
Assay	%	≥ 93.0
Bulk Density ¹	g/cc	0.40-0.70
Moisture (105°C)	%	3.0
Lead ³	ppm	≤ 10
Cadmium ³	ppm	≤ 10
Copper ³	ppm	≤ 5
Manganese ³	ppm	≤ 10
Residue through 300 mesh	%	≤ 0.01
Surface Area (BET) ²	m ² /g	40±5
Colour/ Appearance	-	White to Yellowish
Metallic Zinc	-	Absent

*At the time of packing

*Determined by Nitrogen Adsorption BET method at the time of packing

*By AAS/ ICP

Packaging : 25 Kg bag with inner liner
 Shelf life : 2 years from manufacturing date
 Storage : Keep away from moisture. Product has to be stored under dry and well ventilated place.

APPLICATIONS:

- Latex products and dispersions
- Suitable for activation in sulfur-cured vulcanization of all common rubber types (e.g. NR, NBR, SBR, SR, IR, CR)
- Translucent rubber articles at reduced loading quantities
- Improves adhesion of rubber to metal bonding
- Recommended for high frequency vulcanized extrusions
- Rigid EPDM and Sponge formulations

It is our policy to constantly improve our products. We reserve the right to modify these characteristics with prior notice.

Version No: 2

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