

Techbond ZU40 (Provisional)

Manufacturer: Techno Waxchem PVT., LTD.
 Classification: Adhesion Promotor/Non-Cobalt Bonding System
 CA Nomenclature: Basic Zinc complex salt dispersed over Precipitate Silica

Specification Properties	Value	Test Method
Ash Content, % at 850°C/1h	54-56	ASTM D 4574
Heat Loss, % at 105°C	13-15	ASTM D 4571
Moisture Content, %	9-11	ASTM D 5460
Zinc Content, %	4-5	TWC-QA-05
Typical Properties	Value	Test Method
Physical Form	Pale yellow to white powder	Visual
Specific Gravity at 25°C	1.48	Typical

> APPLICATIONS

Uses: The proprietary combination of zinc salt of unsaturated fatty acid is designed to give good steelcord adhesion over the conventional cobalt bonding system for radial tires, conveyor belts hoses and other industrial goods. Techbond ZU40 exhibits good steelcord adhesion and physical and mechanical properties in the uncured and cured rubber compositions. Techbond ZU40, zinc complex salts are considered to be lower cost, environmentally friendlier and non-cobalt based. It is also useful in improving the adhesion of brass coated steel cords.

Recommended Dosage:

Minimum dosage is 3.65 phr.
 Suggested to be used in the master-batch stage.

> PACKAGING AND STORAGE

Packaging: 25 kg (55.1 lb.) bags.

Shelf Life: 1 year from date of manufacture if stored as indicated below.

Storage: Store in unopened original packages in a cool dry place. Avoid exposure to sunlight.

Specification Date: October 1, 2022