



## TDD Technical Data Sheet

TDD is our precipitated calcium carbonate coated with resin acid, with uniformed 50 nm primary particles, specifically designed for enhanced compatibility with organic materials. Surface treated calcium carbonate provides better mixing properties when added to organic materials during production. TDD is designed to be used in rubber, paint, ink and etc.

### Properties:

	TDD
Whiteness (%)	86 min.
Specific Gravity (g/cm <sup>3</sup> )	2.56
Single Particle Size (um)	0.04 ~ 0.08
Bulk Density (g/mL)	0.80 max.
Surface Coating	Rosin Acid
DOP Content (mL/100 g)	22 ~ 34
CaCO <sub>3</sub> Content (%)	96 min.
Moisture Content (%)	1.20 max
pH value	8.4 ~ 9.1

### Preference application for TDD:

1. Rubber: Tire, rubber cement, conveyer belt, rubber cloth, hose.
2. Printing Ink
3. Paint

## A guide for compound:

Compound	TDD
Natural Rubber (NR)	Show the best results.
Isoprene Rubber (IR)	Show the best results.
Butadiene Rubber (BR)	Show excellent results.
Styrene-butadiene Rubber (SBR)	Show excellent results.
Chloroprene Rubber (CR)	Show excellent results.
Butyl Rubber (IIR)	Show excellent results.
Hypalon (CSM)	Show excellent results.
Reclaimed Rubber	Show the best results.
Polyvinyl Chloride (PVC)	Show satisfactory results.

## Storage:

TDD have a shelf life of at least one year if they are stored in their original packaging at temperatures between 25 °C to 45 °C.

Paper bag should be tightly resealed each time material is taken, and their contents should be used up as soon as possible after they have been opened. Materials must be stored in cool and dry place.

## Safety:

When using these products, the information and advice given in our **Safety Data Sheets** should be observed.

Due attention should also be given to the precaution necessary for handling chemicals.