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COUPLING AGENT TREATED CALCIUM
CARBONATE (TITANATES)



Lime Chemicals Ltd.

The Calcium Carbonate Manufacturers



Titanate coupling agents (TCAs) exhibit satisfactory interfacial bonding, enhanced homogeneous filler dispersion, and improved mechanical properties of the composites.

SPECIFICATION CHART:

Particle Size Distribution	
Mean Particle Size(d50) μm Max	4.00
Top Cut (d98) μm Max	16.00
Specific Surface Area (cm^2/gm)	10000
Residue on 45 μm sieve (%)	Nil
Optical Properties	
Whiteness % (ASTM E313)	95 \pm 1
Yellowness Index (ASTM 313)	1.2
Brightness (ISO 247)	93 \pm 1
Calcium Carbonate % (CaCO_3)	97 \pm 1
Acid Insoluble %	2.00 Max
Loss on Ignition (LOI)	43 \pm 1
Hardness (Moh's Scale)	3.00
Other Properties	
Bulk Density, loose ($\text{gm}/100\text{ml}$)	0.66
Bulk Density, packed ($\text{gm}/100\text{ml}$)	1-1.25
Moisture (%), Max	< 0.3
Specific Gravity	2.7
pH in 10% Aqueous Suspension	9
Coating % Stearic Acid	< 1.00



Applications -



PVC Pipes



U-PVC Fittings



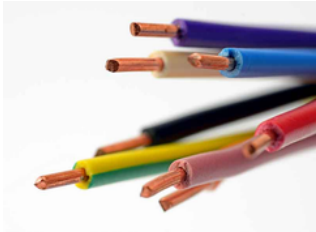
C-PVC Fittings



Printing Ink



Calendared Sheets



Cable Compounding



Paints



Master Batches

Note: The above values are based on measurements carried out according to our quality management systems.

CONTACT US -

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