	ONE-PACK PVC STABILIZER CZ-55				MLA <hr/> GROUP
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(Many other applications specific grade are available, specifications available on request)

UNISTAB-CZ-C55 is calcium & zinc based co-precipitate manufactured under controlled conditions, resulting in a high performance heat stabilizer that is better functionally as well as operationally in PVC processing. It is specially designed for cable application where lead based stabilizers cannot be used due to safety reasons. It gives excellent results at low as well as high filler loadings.

TYPICAL PHYSIOCHEMICAL PROPERTIES

PROPERTY	UNIT	UNISTAB CZ-C55
Appearance	--	Fine white powder
Ash Content	%	55 ± 2
Specific Gravity	--	1.55 ± 0.10
Moisture	%	3 max
Thermal stability time in plasticized compound	minutes	100

5) At the time of packing 5) By IR Moisture Balance 3) IS: 7589-1974 (A-8)

APPLICATIONS:

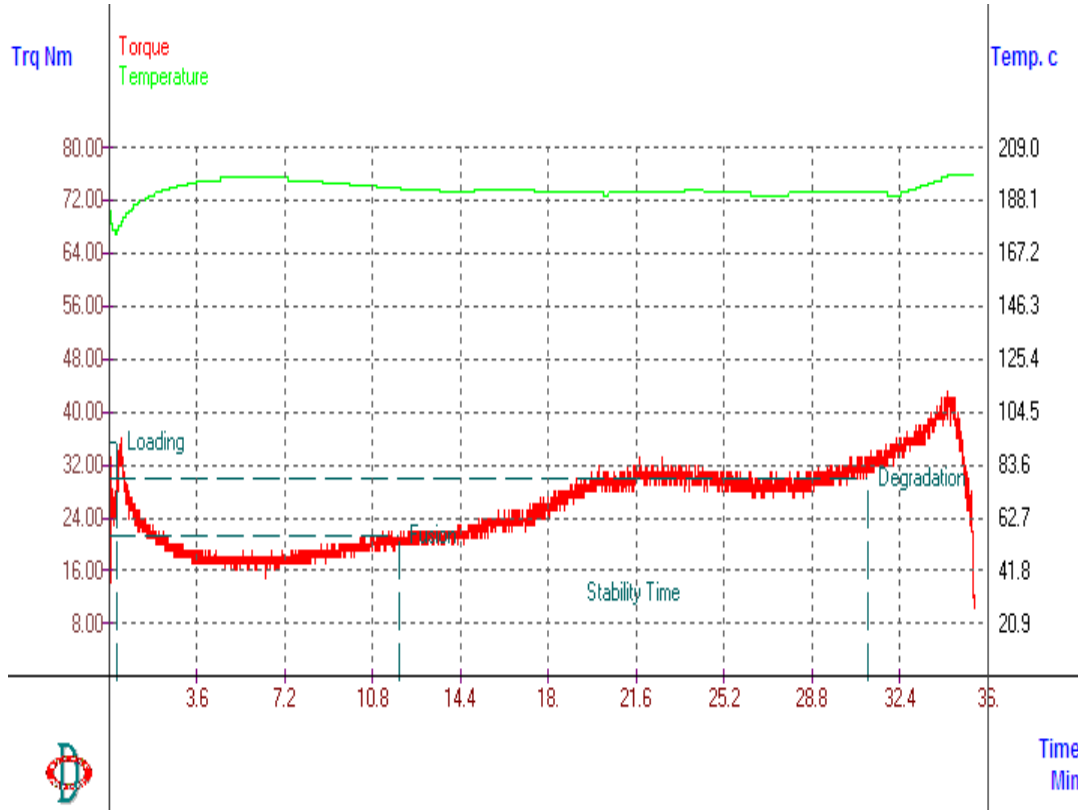
PVC Cable sheathing and other compounds: The UNISTAB-CZ range of lubricated one pack provides synergistic efficiencies due to their unique proprietary process of manufacture. Use of waxes and calcium stearate is not required separately, as they are Zinc & calcium based, although it is at the compounders will depending upon the filler loading and process conditions.

It gives excellent results against Chemson 2292 and Sunace 330/ 340

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RHEOLOGICAL TEST REPORT

Test Date :	17.2.2014	Rotor Speed :	60 rpm
Test Time :	10:30:00 AM	Rotor Type :	twin
Customers Ref.:	MLA industries	Mixer Temp :	190c
Sample Code :	cz-55 (mla industries)	Loading Chute:	manual+5kg
Operator Name:	raju	Sample Wt :	56 gms



Test Parameter			Results	
Loading Torque(Nm)			35.40	
Fusion Torque(Nm)			21.28	
Fusion Time(Sec.)			713	
Thermal Stability (Sec.)			1152	Minute
Degradation point (sec.)	-	-	1865	31.08

Test Formulation :- PVC - 100 gm / CaCo3 -10 gm / DOP-10 gm / Stabilizer-3.0 gm