ANUKAMPA POLYMERS & TECHNOLOGIES PRIVATE LIMITED

CALCIUM -ZINC EXTRUSION & MOLDING GRADES

S.NO	PARTICULARS	UNITS	TEST METHOD	SPECIED VALUES AS PER IS 5831-84	TYPICAL VALUES				
	GRADES				CZ 55	CZ 75	CZ 89	CZ 144	CZ 144 G
1	Before Ageing								
1.1	Tensile Strength	N/mm2	IS 10810 (part-7)84		10.3	6.35	10.7	15	18
1.2	Elongation	%	IS 10810 (part-7)84	12.5	390	215	180	300	300
				150					
2	After ageing at 800c/7 days								
2.1	Tensile Strength	N/mm2	IS 10810 (part-11)84						
2.2	Variation in Tensile Strength	%	IS 10810 (part-11)84	12.5					
2.3	Elongation	%	IS 10810 (part-11)84	+/- 20					
2.4	Variation in Elongation	%	IS 10810 (part-11)84	150					
				+/- 20					
3	Thermal Stability@2000c	Minutes	IS 10810 (part-60)88		29	63	50	34	30
				40					
4	Volume Resistivity @ 270c	Ohm-cm	IS 10810 (part-43)84		--	--	--	--	--
				NA					
5	Volume Resistivity @ 700c	Ohm-cm	IS 10810 (part-43)84		--	--	--	--	--
				NA					
6	Loss of Mass 800C@ 7days	Mg /cm2	IS 10810 (part-10)84						
				2max					
7	Specific Gravity	NO	APT		1.41	1.43	1.45	1.45	1.47
				-					
8	Hardness	Shore-A	APT		62	77	89	85	86
				-					
9	Colour Fastness to Water	NO	IS 5831-1984						
			Appendix-A	NO traces of color					
10	Cold bend Test	NO	IS 10810 (part-20)84						
				No cracks					
11	Shrinkage Test 1500c/15 mints	%	IS 10810 (part-12)84						
				4max					
12	Heat Shock Test 1500c/1hr	NO	IS 10810 (part-14)84	No signs of cracks					
13	Remarks								