ANUKAMPA POLYMERS & TECHNOLOGIES PRIVATE LIMITED

GENERAL PURPOSE INSULATION GRADES

S.NO	PARTICULARS	UNITS	TEST METHOD	SPECIED VALUES AS PER IS 5831-84	TYPICAL VALUES					
	GRADES				TN 218	TN333	TN 368	TN 468	ANU2561	ANU2540
1	Before Ageing									
1.1	Tensile Strength	N/mm2	IS 10810 (part-7)84	12.5	16	15	14	11.5	16	15.5
1.2	Elongation	%	IS 10810 (part-7)84	150	350	290	310	290	290	295
2	After ageing at 800c/7 days									
2.1	Tensile Strength	N/mm2	IS 10810 (part-11)84	12.5						
2.2	Variation in Tensile Strength	%	IS 10810 (part-11)84	+/- 20	+/- 20	+/- 20	+/- 20	--	+/- 20	+/- 20
2.3	Elongation	%	IS 10810 (part-11)84	150						
2.4	Variation in Elongation	%	IS 10810 (part-11)84	+/- 20	+/- 20	+/- 20	+/- 20	--	+/- 20	+/- 20
3	Thermal Stability@2000c	Minutes	IS 10810 (part-60)88	80	44	70	40	30		
4	Volume Resistivity @ 270c	Ohm-cm	IS 10810 (part-43)84	1x1013	2x1013	3x1013	2x1013	1x1013	4x1013	2.4x1013
5	Volume Resistivity @ 700c	Ohm-cm	IS 10810 (part-43)84	1X1010	--	--	--	--	--	--
6	Loss of Mass 800C@ 7days	Mg /cm2	IS 10810 (part-10)84	2max	3.5	5.4	--	--	2.7	2.88
7	Specific Gravity	NO	APT	-	1.46	1.51	1.52	1.57	1.51	1.47
8	Hardness	Shore-A	APT	-	80	88	85	72	87	86
9	Colour Fastness to Water	NO	IS 5831-1984	No traces of color						
			Appendix-A							
10	Cold bend Test	NO	IS 10810 (part-20)84	No cracks	Pass	Pass	Pass	--	Pass	Pass
11	Shrinkage Test 1500c/15 mints	%	IS 10810 (part-12)84	4max	3.2	2.8	3.4	--	2.4	2.8
12	Heat Shock Test 1500c/1hr	NO	IS 10810 (part-14)84	No signs of cracks	No cracks	No cracks	No cracks	--	No cracks	No cracks
13	Remarks									