ANUKAMPA POLYMERS & TECHNOLOGIES PRIVATE LIMITED

GENERAL PURPOSE SHEATHING , MOLDING & D.F GRADES

S.NO	PARTICULARS	UNITS	TEST METHOD	SPECIFIED VALUES AS PER IS 5831-84	TYPICAL VALUES											
	GRADES				TN 257	TN 342	TN 368B	TN 379	TN468B	ANU1405	ANU1525	ANU2515	ANU2525	ANU2530	ANU3025	ANU3030
1	Before Ageing															
1.1	Tensile Strength	N/mm2	IS 10810 (part-7)84	12.5	14	14.5	13.5	16	9	14	14.5	15.5	12.7	19	17.5	19
1.2	Elongation	%	IS 10810 (part-7)84	150	380	260	320	340	305	400	310	330	400	340	330	340
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											
2.3	Elongation	%	IS 10810 (part-11)84	150												
2.4	Variation in Elongation	%	IS 10810 (part-11)84	+/- 20	+/- 20											
3	Thermal Stability@2000c	Minutes	IS 10810 (part-60)88	40	35	37	40	90	35	32	30	35	45	22	28	20
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	--	--	--	--		--	--	--	--	--	--
7	Specific Gravity	NO	APT	-	1.44	1.55	1.53	1.46	1.54	1.41	1.4	1.4	1.3	1.4	1.45	1.4
8	Hardness	Shore-A	APT	-	72	85	76	85	75	73	80	80	73	89	87	88
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												
11	Shrinkage Test 1500c/15 mins	%	IS 10810 (part-12)84	4max												
12	Heat Shock Test 1500c/1hr	NO	IS 10810 (part-14)84	No signs of cracks												
13	Remarks															