ANUKAMPA POLYMERS & TECHNOLOGIES PRIVATE LIMITED

TRANSPARENT GRADES

S.NO	PARTICULARS	UNITS	TEST METHOD	TYPICAL VALUES					
	GRADES			TN 404 soft	TN 404	TN404 G	TN 406	TN 410	BM 100
1	Before Ageing								
1.1	Tensile Strength	N/mm2	IS 10810 (part-7)84	13	14	18	17	14.5	37
1.2	Elongation	%	IS 10810 (part-7)84	450	410	380	390	400	75
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						
2.3	Elongation	%	IS 10810 (part-11)84						
2.4	Variation in Elongation	%	IS 10810 (part-11)84						
3	Thermal Stability@2000c	Minutes	IS 10810 (part-60)88	21	24	22	20	10	25
4	Volume Resistivity @ 270c	Ohm-cm	IS 10810 (part-43)84	--	--	--	--	--	--
5	Volume Resistivity @ 700c	Ohm-cm	IS 10810 (part-43)84	--	--	--	--	--	--
6	Loss of Mass 800C@ 7days	Mg /cm2	IS 10810 (part-10)84						
7	Specific Gravity	NO	APT	1.2	1.22	1.24	1.26	1.32	1.31
8	Hardness	Shore-A	APT	65	74	78	80	72	68 -D
9	Colour Fastness to Water	NO	IS 5831-1984						
			Appendix-A						
10	Cold bend Test	NO	IS 10810 (part-20)84						
11	Shrinkage Test 1500c/15 mins	%	IS 10810 (part-12)84						
12	Heat Shock Test 1500c/1hr	NO	IS 10810 (part-14)84						
13	Remarks								