

TECHNICAL SPECIFICATIONS

S. NO.	PROPERTIES	UNIT	REQUIREMENT AS PER IS 2046 : 1995	VALUES
	GRADE AND TYPE	TYPE P - VGP		
1	Thickness	mm	0.6 ± 0.1	Confirms
2	Resistance to Surface wear	rev	150 (min)	Confirms
3	Resistance to Immersion in Boiling water			
	Mass increase	%	21.0 (min)	Confirms
	Thickness increase	%	23.0 (min)	Confirms
	Appearance	Grade	Not Worse than 3	Confirms
4	Dimensional stability at elevated temprature			
	Longitudinal	%	0.70 (max)	Confirms
	Transverse	%	1.20 (max)	Confirms
5	Resistance to impact by small diameter ball	N	15.0 (min)	Confirms
6	Resistance to Cracking	Grade	Not Worse than 4	Confirms
7	Resistance to Scratching	N	1.75	Confirms
8	Resistance to Staining			
	Group 1 & 2	Grade	Not Worse than 5	Confirms
	Group 3 & 4	Grade	Not Worse than 3	Confirms
9	Resistance to Color Change			
	In Xenon Arc Light	Grade	Not Worse than 6	Confirms
	In Carbon Arc Light	Grade	Not Worse than 5	Confirms
10	Resistance to Steam	Grade	Not Worse than 3	Confirms
11	Formability (radius)	mm	10 (min)	Confirms
12	Resistance to blistering	Sec	10 (min)	Confirms