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Appendix

Tensile strength data of flexible PVC samples.

(N/cm²)

Sample		Specimen No.					Average	SD.
		1	2	3	4	5		
NO FR.	MD	297.9	303.8	294.0	301.4	302.8	300	3.59
	TD	269.5	274.4	264.6	278.3	263.6	270	5.63
Sb ₂ O ₃ 4 phc	MD	278.3	273.9	289.1	274.4	284.2	280	5.86
	TD	264.6	260.2	265.6	254.8	255.3	260	4.50
ZHS 4 phc	MD	294.0	290.1	289.1	287.1	290.1	290	2.24
	TD	255.3	269.5	260.2	258.2	256.8	260	5.01
ZS 4 phc	MD	281.8	280.3	270.0	288.1	279.8	280	5.81
	TD	270.5	284.2	265.6	265.6	264.6	270	7.34

Elongation data of flexible PVC samples.

(%)

Sample		Specimen No.					Average	SD.
		1	2	3	4	5		
NO FR.	MD	512.5	500	492.5	500	495	500	6.89
	TD	482.5	470	475	492.5	480	480	7.58
Sb ₂ O ₃ 4 phc	MD	492.5	492.5	495	500	495	495	2.73
	TD	470	475	462.5	475	467.5	470	4.74
ZHS 4 phc	MD	485	479.5	487.5	480	500	490	7.58
	TD	465	462.5	462.5	457.5	452.5	460	4.47
ZS 4 phc	MD	467.5	490	477.5	480	485	480	7.52
	TD	475	467.5	480	465	462.5	470	6.51

Tear strength data of flexible PVC samples.

(N)

Sample		Specimen No.					Average	SD.
		1	2	3	4	5		
NO FR.	MD	26.75	25.97	26.85	25.48	27.44	26.5	0.69
	TD	25.58	24.5	24.01	24.89	23.52	24.5	0.71
Sb ₂ O ₃ 4 phc	MD	23.81	25.48	24.4	24.7	24.3	24.5	0.55
	TD	24.99	24.5	24.21	24.3	24.6	24.5	0.27
ZHS 4 phc	MD	26.95	27.44	25.87	25.28	26.66	26.5	0.77
	TD	25.48	26.07	26.46	24.5	24.79	25.5	0.74
ZS 4 phc	MD	23.91	24.7	25.48	24.5	24.11	24.5	0.55
	TD	22.54	22.34	24.3	24.4	24.01	23.5	0.89



VITA

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