

TEST REPORT

> Report No. : TA-7-10 > Test specimen : FIBER

TEST ITEM		TEST RESULT	REMARKS
Material		Polypropylene	FT-IR
Sound absorption coefficient (NRC)		600 : NRC = 0.61 1000 : NRC = 0.80	KS F 2805
Heat conductivity (W/mK)		0.022	KS K 0466
Resistance to surface wetting		Class 4 (Superior grade)	KS K 0590
Fire classification	Flammability of interior materials (for passenger cars)	FMVSS 302 certified	FMVSS 302
	Smoke density (Ds, at 4.0 min)	35	ASTM E 662
	Toxic fume index (R)	0.42	BS 6853 Annex B.2
	Oxygen index (LOI, %)	29.8	ISO 4589-2
	UL certification	UL 94 V-2	UL 94 Vertical burning test
RoHS Compliance			

Frequency (Hz)	FIBER 600	FIBER 1000
125	0.02	0.09
160	0.04	0.12
200	0.06	0.22
250	0.1	0.32
315	0.17	0.55
400	0.32	0.75
500	0.6	0.91
630	0.81	1.03
800	0.93	1.05
1000	0.89	1.04
1250	0.87	0.98
1600	0.87	0.95
2000	0.83	0.92
2500	0.83	0.9
3150	0.79	0.88
4000	0.75	0.91

