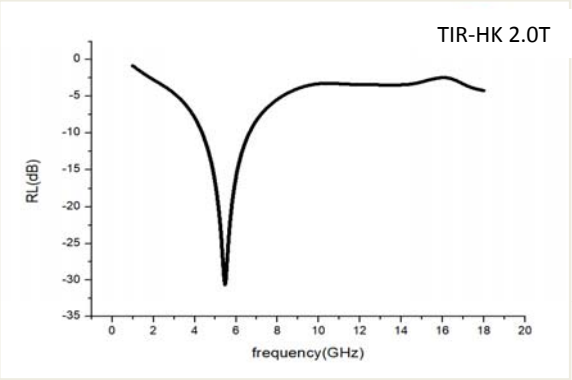
TIR™-HK Microwave Absorbing Materials

Applications:

Provide EMC material solutions for EMI & EMS issue for IT devices

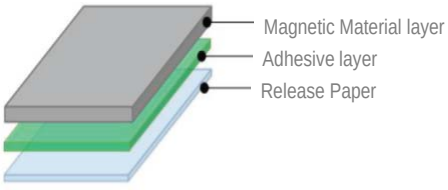
1.1 Metal rubber absorber to conduct different microwave resonance frequency within the property of loss energy
1.2 Noise suppressor for electric devices(Smart phones, Tablets, PCs and etc)
1.3 Receiver sensitivity improvement of PEN input (inductive coupling type)
1.4 Enhancement of NFC&WPC(PMA/WPC) function within electric devices

performance curve:



TIR™-HK Microwave Absorbing Materials			
Classification	**Unit**	**Values**	**Test Method**
Color	NA	Gray	Visual
Effective frequency	Hz	12GHz -18GHz	NA
Specific gravity	g/cm^3	3	ASTM D297
Surface resistance	Ω	>1 x 10^{12}	ASTM D257
Hardness	Shore A	40-60	ASTM D2240
Thermal conductivity	W/mK	0.5	ASTM D5470
Temperature range	°C	-40 to +150	NA
Storage conditions	-	0-30°C/60%±10R.H	NA
Shelf life	month	12	NA
Thickness	mm	0.5~2.0mmT	
Standard size	mm	300x300 mm	

Product mix:



Product identification → **TIR - HK- 0.50T - A1**

- TIR - HK: ▪Product model / ▪Code name
- 0.50T: ▪Thickness: 0.50T - 0.50mmT
- A1: ▪A1-Single sided adhesive

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