

TGJEAN

EMI Absorbers for Noise Suppressing

Version 2.090218

EMI Absorbers for Noise Suppressing

TGJEAN is a flexible sintered ferrite sheet which acts as absorber. EMI shielding is obtained by reflection whilst RF noise is eliminated by magnetic, dielectric and ohmic loss due to the filler content. This material provides high permeability and low losses with very low thickness and provide the best option for constructive magnetic flux management. This material is especially suitable for use in wireless charging and near field communication devices.

Features

- Excellent insulation
- Excellent EMI shielding
- PSA layer
- Can be easily die cut

Applications

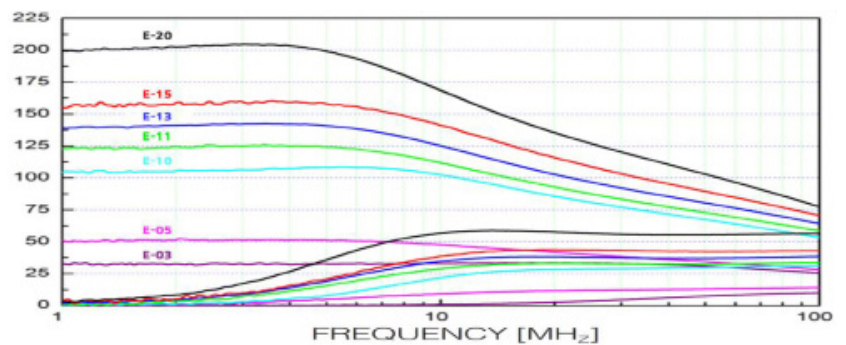
Devices operating over the broadband frequency range
Attenuation of conduction and radiation noise suppression and filtering (FPCB and chips on circuit, high speed microprocessor) and resonant peak of enclosed cavities (EMI/ESD)

Properties

- RoHS Compliant
- REACH Compliant
- Halogen Free

Property	TGJEAN03	TGJEAN05	TGJEAN10	TGJEAN11
Permeability (μ_r)	30	50	100	110
Type	Roll/Sheet			
Characteristics	Economic Design		Ultra Thin	UL94
Thickness (mm)	0.02-1.0			
Density (g/cm ³)	2.7	3.0	3.5	
Shelf Life	2 years			

Property	TGJEAN13	TGJEAN15	TGJEAN17	TGJEAN20
Permeability (μ_r)	130	150	170	210
Type	Roll/Sheet	Sheet		
Characteristics	-	-	Highest Permeability	
Thickness (mm)	0.02-1.0			
Density (g/cm ³)	3.5	3.7	3.9	4.1
Shelf Life	2 years			



T-Global Technology Limited
1 & 2 Cosford Business Park, Central Park,
Lutterworth, Leicestershire LE17 4QU U.K.

Tel: +44 (0)1455 553 510
Email: sales@tglobaltechnology.com
Web: www.tglobaltechnology.com
Skype: tglobal.technology
VAT #: GB 116 662 714

NOTICE: The information contained herein is to the best of our knowledge true and accurate. However, since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology Europe and North America's invoice, quotation, or order acknowledgment. We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.