

# Microwave Absorber 24-113-075

Version TDS.24-113-075.V.B.0

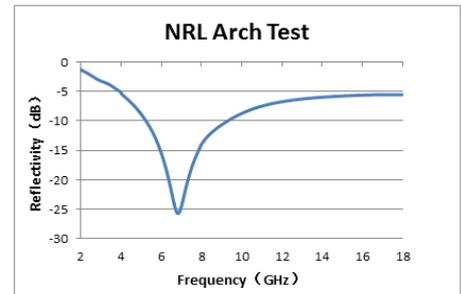
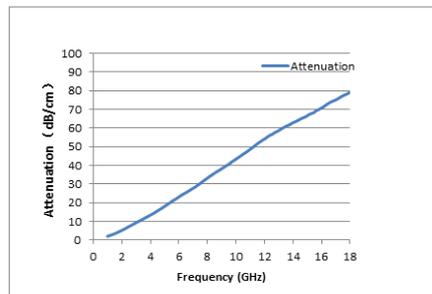
## Description

- Elastomer matrix.
- Good performance over a broadband frequency range from 2GHz to 18GHz.
- Reduce unwanted electromagnetic radiation, cross coupling and microwave cavity resonances
- Sheet with various thicknesses with or without pressure sensitive adhesive.
- Flexible and can be easily die-cut.
- RoHS Compliant.
- Electrically Isolating



## Typical Properties

Properties	24-113-075	Test Method
Color	Grey	/
Thickness (mm)	1.30	/
Density (g/cm <sup>3</sup> )	4.3	ASTM D792
Physical		
Tensile Strength (MPa)	>1.38	ASTM D412
Elongation (%)	>100	ASTM D412
Hardness (Shore A)	>60	ASTM D2240
Tear Strength(kN/m)	>7	ASTM D624
Electrical		
Volume Resistance (ohm-cm)	>10 <sup>11</sup>	ASTM D257
Attenuation@8GHz (dB/cm)	33	ASTM D5568
Attenuation@18GHz (dB/cm)	80	ASTM D5568
Thermal		
Operation Temperature Range (°C)	- 40~ + 120	/



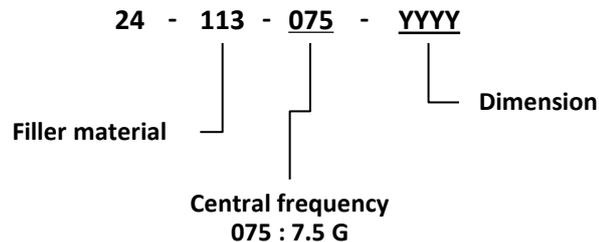
## Applications

- Wireless Voice
- Hand Held Electronics
- Telecommu. Infrastructure Equipment

## Standard Size

Standard size 200 mm × 200 mm

## Ordering Information



## Declaimers

- The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the issuing date of this TDS. When using our products, no matter what type of equipment they might be used for, be sure to make a written agreement on the specifications with us in advance. The design and specifications in this TDS are subject to change without prior notice.
- Do not use the products beyond the specifications described in this TDS. This TDS explains the typical performance of the products as individual component. Before use, check and evaluate their operations when installed in your products.
- Install the following systems for a failsafe design to ensure safety if these products are to be used in equipment where a defect in these products may cause the loss of human life or other significant damage, such as damage to vehicles (automobile, train, vessel), traffic lights, medical equipment, aerospace equipment, electric heating appliances, combustion/gas equipment, rotating equipment, and disaster/crime prevention equipment.

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