



# 3M™ Engineered Damping Material EDM1000 Series

## Technical Data Sheet



### General Description

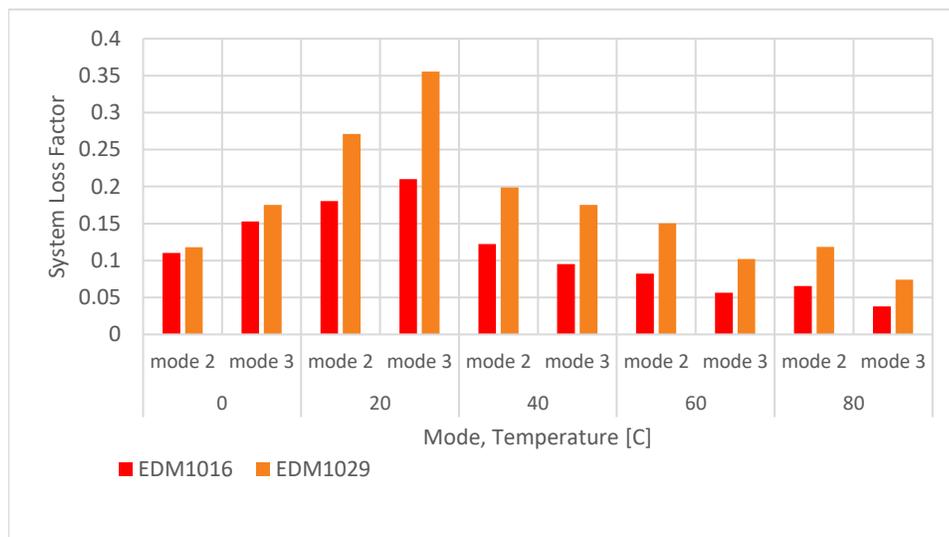
3M™ Engineered Damping Material EDM1016 and EDM1029 are lightweight, high performance, constrained-layer damping materials for reducing vibration and structure-borne noise. They can be applied in many areas of the vehicle cabin including: roof, door panels, instrument panels, floor, trunk and wheel arch area. 3M EDM is flexible during assembly and provides increased panel stiffness when applied to the vehicle body. This makes the material ideal for application on irregular surfaces.

### Vibration Damping Properties

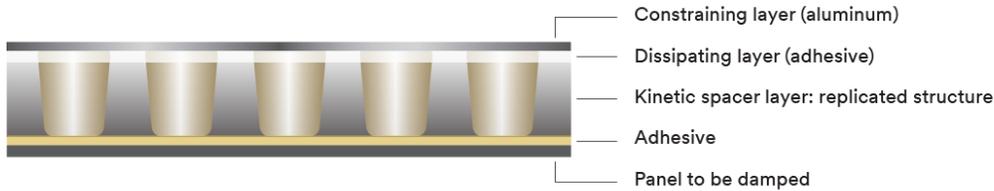
Typical performance of 3M Engineered Damping Material is shown below. The following technical information and data is based upon limited 3M testing conditions and should not be used for specification purposes.

#### Oberst testing per DIN EN ISO 6721-3, ASTM E756-05

Testing on Oberst bars of size 240mm x 10mm x 1mm, covered length: 210mm  
Test conducted at 3M US



## Product Construction



## Physical Properties

	1016	1029
Material composition	Polypropylene, acrylic adhesive, aluminum	
Constraining layer	0.125 mm thick, aluminum	
Pressure sensitive adhesive layer	0.10 mm thick, acrylic	
Stand-off layer (polypropylene structure)	1.3 mm	2.6 mm
Material thickness without liner	1.6 mm	2.9 mm
Basis Weight	1.1 kg/m <sup>2</sup>	1.4 kg/m <sup>2</sup>
Flammability per FMVSS302	Self-extinguishing	
Temperature Resistance	150°C for 1 hour	
Shelf life	2 years	

## Regulatory Information

To obtain regulatory data for this product please visit [https://www.3m.com/3M/en\\_US/company-us/SDS-search/](https://www.3m.com/3M/en_US/company-us/SDS-search/) To obtain published IMDS ID numbers, email requests to [3M-IMDSrequest@mmm.com](mailto:3M-IMDSrequest@mmm.com).

## Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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