

## Datasheet

# Durethan BM240H3.0 000000

PA 6, 40% mineral, injection molding, heat-aging stabilized, low tendency to warp, isotropic properties

ISO Shortname: ISO 16396-PA 6,MD40,GHR,S14-060

Property	Test Condition	Unit	Standard	guide value <sup>1</sup>	
				dry as molded	conditioned
Mechanical properties (23 °C/50 % r. h.)					
Tensile modulus		lb/in²	ASTM D 638	816000	310000
Tensile elongation at break		%	ASTM D 638	10	40
Tensile stress at break		lb/in²	ASTM D 638	12000	7700
Flexural strength		lb/in²	ASTM D 790	21800	9400
Flexural modulus		lb/in²	ASTM D 790	812000	290100

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications

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### Disclaimer

#### Standard Disclaimer

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#### Typical Properties

Property data is provided as general information only. Property values are approximate and are not part of the product specifications.

#### Flammability

Flammability results are based on small-scale laboratory tests for purposes of relative comparison and are not intended to reflect the hazards presented by this or any other material under actual fire conditions.

#### Health and Safety

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Envalior products mentioned in this publication. Before working with these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets (MSDS) and product labels. Consult your Envalior representative or contact the Product Safety and Regulatory Affairs Department. For materials that are not Envalior products, appropriate industrial hygiene and other safety precautions recommended by their manufacturer(s) must be followed.

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#### Color and Visual Effects

Type and quantity of pigments or additives used to obtain certain colors and special visual effects can affect mechanical properties.

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