

## Datasheet

# Durethan BM240 000000

PA 6, 40% mineral, injection molding, isotropic properties, low tendency to warp

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

Property	Test Condition	Unit	Standard	guide value <sup>1</sup>	
				dry as molded	conditioned
<b>Mechanical properties (23 °C/50 % r. h.)</b>					
Tensile modulus		lb/in <sup>2</sup>	ASTM D 638	816000	310000
Tensile elongation at break		%	ASTM D 638	10	40
Tensile stress at break		lb/in <sup>2</sup>	ASTM D 638	12000	7700
Flexural strength		lb/in <sup>2</sup>	ASTM D 790	21800	9400
Flexural modulus		lb/in <sup>2</sup>	ASTM D 790	812000	290100

### Notes

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

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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.

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

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