

Datasheet

Durethan BG30XH3.0 000000

PA 6, 30% glass fibers/glass spheres, injection molding, heat-aging stabilized, low tendency to warp

ISO Shortname: ISO 16396-PA 6,(GB+GF)30,GHR,S14-060

Property	Test Condition	Unit	Standard	guide value ¹	
				dry as molded	conditioned
Mechanical properties (23 °C/50 % r. h.)					
Tensile modulus		lb/in²	ASTM D 638	900000	450000
Tensile elongation at break		%	ASTM D 638	4.0	10.0
Tensile stress at break		lb/in²	ASTM D 638	17600	9100
Flexural strength		lb/in²	ASTM D 790	28300	14500
Flexural modulus		lb/in²	ASTM D 790	841000	406000

Notes

¹ 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.

Health and Safety

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Color and Visual Effects

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