

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/in ²	ASTM D 638	900000	450000
Tensile elongation at break		%	ASTM D 638	4.0	10.0
Tensile stress at break		lb/in ²	ASTM D 638	17600	9100
Flexural strength		lb/in ²	ASTM D 790	28300	14500
Flexural modulus		lb/in ²	ASTM D 790	841000	406000

Notes

¹ 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 LANXESS 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 LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS. For materials that are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturer(s) must be followed.

Regulatory Compliance

Some of the end uses of the products described in this brochure must comply with applicable regulations, such as the FDA, NSF, USDA and CPSC. If you have any questions on the regulatory status of any LANXESS engineering thermoplastic, consult your LANXESS Corporation representative or contact the LANXESS Regulatory Affairs Manager.

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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