

Datasheet

Pocan B4235 000000

PBT, 30% glass fibers, injection molding, flame retardant

ISO Shortname: ISO 20028-PBT,GF30,GFHMR,09-110; ISO 1043-4 FR(17)

Property	Test Condition	Unit	Standard	guide value ¹
Mechanical properties (23 °C/50 % r. h.)				
Tensile modulus		lb/in ²	ASTM D 638	1585000
Tensile elongation at break		%	ASTM D 638	1.8
Tensile stress at break		lb/in ²	ASTM D 638	19300
Flexural modulus		lb/in ²	ASTM D 790	1240000
Flexural strength		lb/in ²	ASTM D 790	30300

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

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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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 Envalior engineering thermoplastic, consult your Envalior representative or contact the Regulatory Affairs Manager.

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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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