

Data sheet**Durethan AKV35H2.0 901510**

PA 66, 35 % glass fibers, injection molding, heat-aging stabilized

ISO / ASTM

ISO Shortname: ISO 16396-PA 66,GF35,GHR,S14-110

Property	Test Condition	Unit	Standard	guide value	
				dry as molded	conditioned
Mechanical properties (23 °C/50 % r. h.)					
Tensile modulus		lb/in²	ASTM D 638	1494000	957000
Tensile elongation at break		%	ASTM D 638	28100	17400
Flexural strength		lb/in²	ASTM D 790	43500	29000
Flexural modulus		lb/in²	ASTM D 790	1349000	928200
Flexural stress at 5 % strain		lb/in²	ASTM D 790	40600	23200

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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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