

Datasheet

Durethan AKV15H2.0 901510

PA 66, 15% glass fibers, injection molding, heat-aging stabilized

ISO Shortname: ISO 16396-PA 66,GF15,GHR,S14-060

Property	Test Condition	Unit	Standard	guide value ¹	
				dry as molded	conditioned
Mechanical properties (23 °C/50 % r. h.)					
Tensile modulus	1 mm/min	lb/in ²	ASTM D 638	856000	536000
Tensile elongation at break	-	%	ASTM D 638	9.0	3.0
Tensile stress at break	-	lb/in ²	ASTM D 638	18800	12300
Izod notched impact strength	73 °F, 0.125 in	ft-lb/in	ASTM D 256	1.2	
Izod notched impact strength	-40 °F; 0.125 in	ft-lb/in	ASTM D 256		1.6
Flexural strength		lb/in ²	ASTM D 790	30400	16000
Flexural modulus	-	lb/in ²	ASTM D 790	754000	478000
Thermal properties					
Deflection temperature under load, Unannealed	66 psi; 0.157 in	°F	ASTM D 648	> 480	
Deflection temperature under load, Unannealed	264 psi; 0.157 in	°F	ASTM D 648	480	
Other properties (23 °C)					
Density		lb/in ³	ASTM D 792	0.044	
Specific gravity		-	ASTM D 792	1.23	

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.

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