

**Durethan AKV60XF 900116**  
**PA66-GF60**

Envalior

ISO 16396-PA 66,GF60,GHR,S12-190

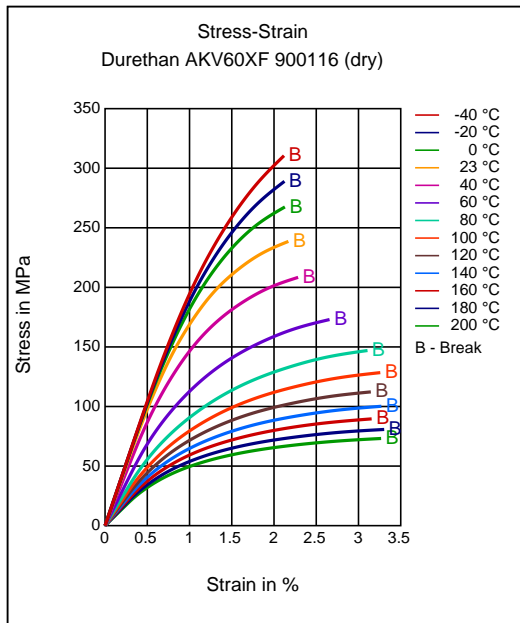
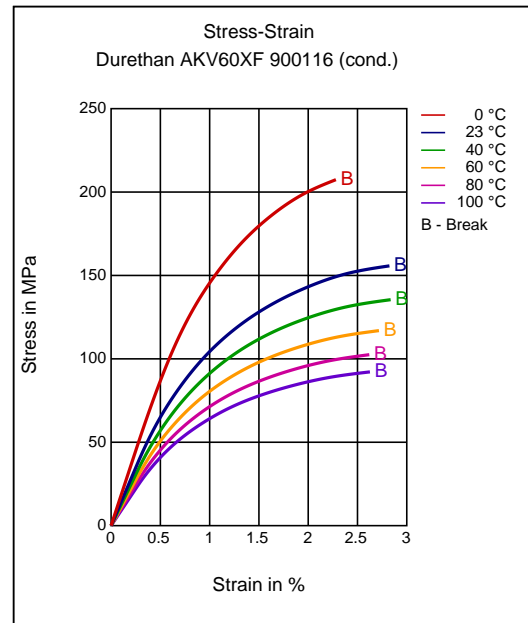
PA 66, 60 % glass fibers, injection molding, improved flowability, heat-aging stabilized

Rheological properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5 / *	%	ISO 294-4, 2577

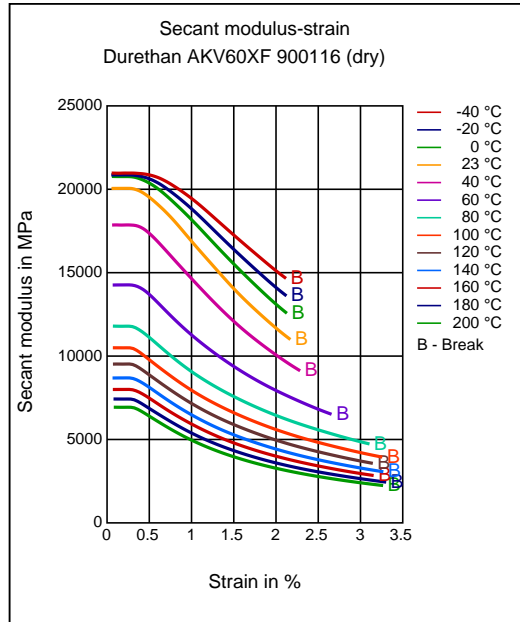
Mechanical Properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	20200 / 13300	MPa	ISO 527
Stress at Break	210 / 145	MPa	ISO 527
Strain at Break	1.5 / 2.7	%	ISO 527
Impact Strength (Charpy), +23°C	70 / 60	kJ/m <sup>2</sup>	ISO 179/1eU
Impact Strength (Charpy), -30°C	65 / 55	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	13 / 18	kJ/m <sup>2</sup>	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	11 / 10	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal Properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting Temperature (10°C/min)	261 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	250 / *	°C	ISO 75-1/-2
Coeff. of Linear Therm. Expansion, parallel	10 / *	E-6/K	ISO 11359-1/-2
Coeff. of Linear Therm. Expansion, normal	70 / *	E-6/K	ISO 11359-1/-2

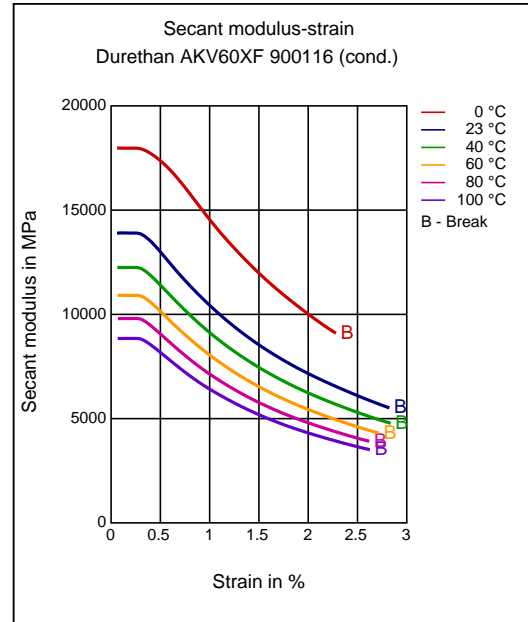
Other Properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Density	1680 / -	kg/m <sup>3</sup>	ISO 1183

**Diagrams**
**Stress-strain**

**Stress-strain**


#### Secant modulus-strain



#### Secant modulus-strain



#### Characteristics

##### Processing

Injection Molding

##### Delivery form

Pellets

##### Special Characteristics

Heat aging stabilized

#### Disclaimer

##### Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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