



This datasheet of **Akulon® Diablo HT-HG6** from **Envalior** is provided by the international plastics database **CAMPUS**.

Akulon® Diablo HT-HG6 | (PA66+PA6)-GF30 | Envalior

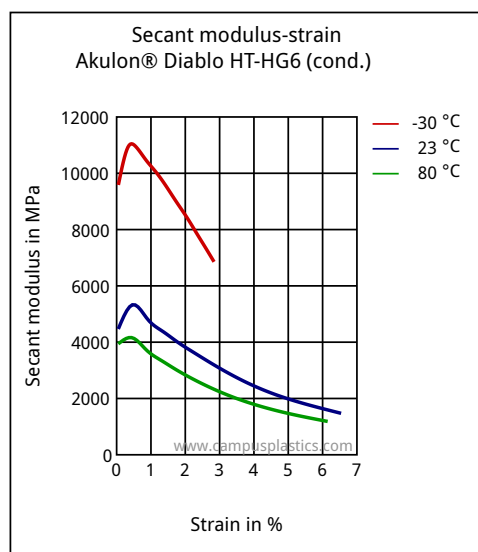
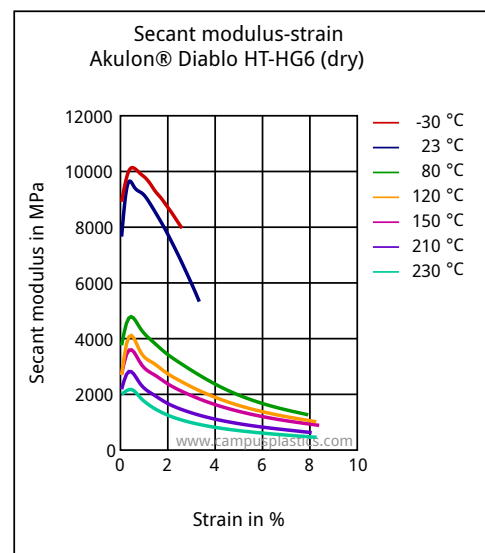
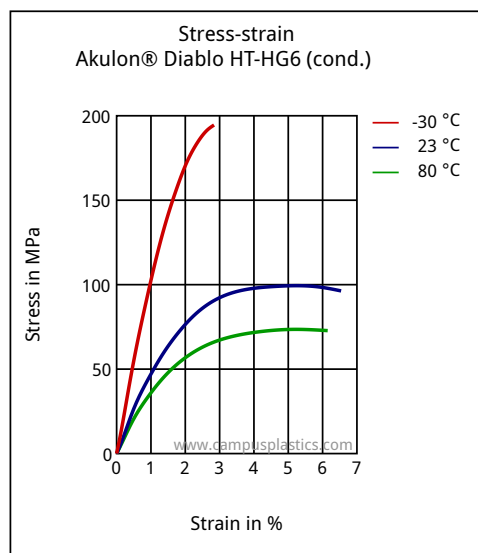
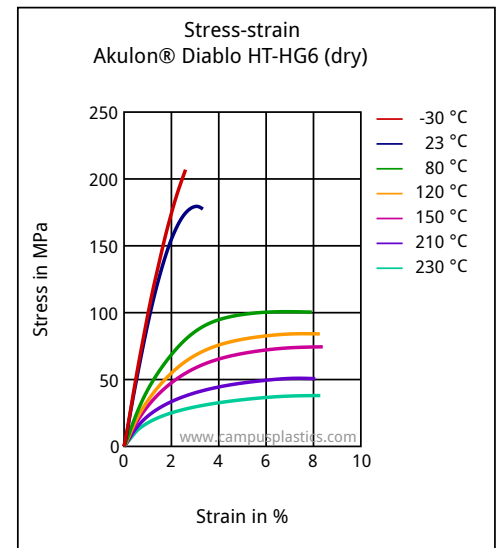
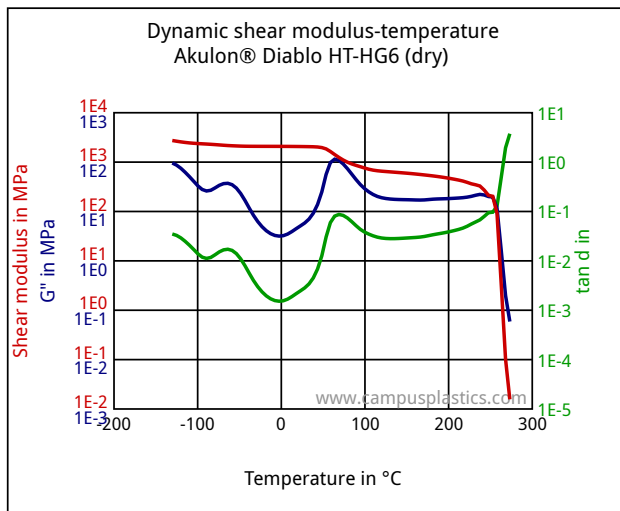
Product Texts

30% Glass Reinforced, Heat Stabilized

ISO 1043 (PA66+PA6)-GF30

Rheological properties	dry / cond	Unit
Molding shrinkage, parallel	0.3 / *	%
Molding shrinkage, normal	1.1 / *	%
Mechanical properties	dry / cond	Unit
Tensile modulus	9800 / 5500	MPa
Stress at break	190 / 95	MPa
Strain at break	3.3 / 6.5	%
Charpy impact strength, +23°C	75 / 85	kJ/m ²
Charpy impact strength, -30°C	55 / 55	kJ/m ²
Charpy notched impact strength, +23°C	11 / 22	kJ/m ²
Charpy notched impact strength, -30°C	10 / 11	kJ/m ²
Thermal properties	dry / cond	Unit
Melting temperature, 10°C/min	260 / *	°C
Temp. of deflection under load, 1.80 MPa	235 / *	°C
Temp. of deflection under load, 0.45 MPa	255 / *	°C
Other properties	dry / cond	Unit
Water absorption	6.9 / *	%
Humidity absorption	2.4 / *	%
Density	1370 / -	kg/m ³

Diagrams



Characteristics

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Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Other text information

Injection molding

Injection Molding Recommendations

Steel recommendations for molds screws and barrels

Trouble shooting guideline for injection molding

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Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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