



This datasheet of **Akulon® Diablo HDT2504BM (K-X08203** from **Envalior** is provided by the international plastics database **CAMPUS**.

Akulon® Diablo HDT2504BM (K-X08203 | (PA66+PA6)-GF20 | Envalior

Mechanical properties	dry / cond	Unit
Tensile modulus	7050 / 3600	MPa
Stress at break	135 / 57	MPa
Strain at break	3.5 / 20	%
Charpy impact strength, +23°C	74 / 95	kJ/m²
Charpy impact strength, -30°C	63 / 41	kJ/m²
Charpy notched impact strength, +23°C	12 / 14	kJ/m²
Charpy notched impact strength, -30°C	6 / 3	kJ/m²
Thermal properties	dry / cond	Unit
Melting temperature, 10°C/min	255 / *	°C
Temp. of deflection under load, 1.80 MPa	218 / *	°C
Coeff. of linear therm. expansion, parallel	30 / *	E-6/K
Coeff. of linear therm. expansion, normal	130 / *	E-6/K
Other properties	dry / cond	Unit
Humidity absorption	2.6 / *	%
Density	1270 / -	kg/m³

Characteristics

Processing

Blow Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

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