

HellermannTyton

DATA SHEET Tyits Polyamide 66: PA66

DESCRIPTION

A Polyamide 66 cable tie with a good tensile strength and a continuous operating temperature of -40°C to +85°C. The material is said to be Low Smoke and Fume (LSF) and is manufactured without the use or addition of halogenated compounds.

APPLICATION

A general purpose cable tie.

PROPERTIES

Properties	Typical Results	Test Method
Colour	Black	-
Yield Stress	60 MPa	ISO 527
Elongation at break	18%	ISO 527
Tensile Modulus	1500 MPa	ISO 527
Charpy Notched impact strength	5.5 kJ/m ²	ISO 179/1eA
Flammability	V2 @ 0.8mm	UL94
Volume resistivity	2.6x10 ¹⁶ Ohm cm	IEC 60093
Resistance to UV Oils & greases Solvents Petrol	Limited Very good Good Very good	
Heat deflection temperature @ 1.8MPa	70°C	ISO 75/f
Density	1.14	ISO 1183

STANDARDS

Approved to: N/A

Conforms to: N/A