

# HellermannTyton

## DATA SHEET Weather Resistant Polyamide 66: PA66

### DESCRIPTION

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

### APPLICATION

Cable ties such as T, LK, DH, OS, RT, REL, RELK, RLT and KR series are produced in this material.

### PROPERTIES

Properties	Typical Results	Test Method
Colour	Black	-
Yield Stress	83 MPa	ISO 527
Elongation at break	30%	ISO 527
Tensile Modulus	3400 MPa	ISO 527
Flammability	V2 @ 0.8mm	UL94
Glow Wire at 0.71mm	850°C	IEC 60695-2-12
Volume resistivity	$2.6 \times 10^{16}$ Ohm cm	IEC 60093
Resistance to		
UV	Very good	
Oils & greases	Very good	
Solvents	Good	
Petrol	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

Issue 2

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