

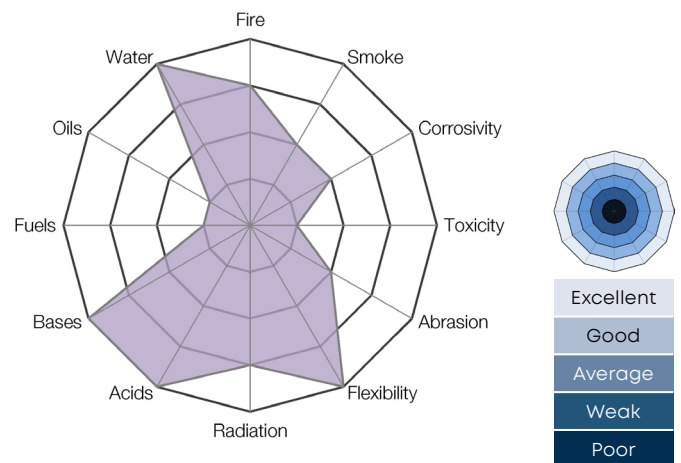
TPS 155 XL / Y

Intended for use in defence applications

Electrical			
Properties	Method	Conditions	Value
Dielectric constant	Internal	1 kHz	3.05
Dielectric strength	-	-	-
Dissipation factor	-	-	-
Volume resistivity	Internal	25 °C 90 °C	10 ¹⁵ Ω x cm 10 ¹² Ω x cm

Physical			
Properties	Method	Conditions	Value
Density	-	-	-
Elongation at break	IEC 60811-501	50 mm/min	200 %
Hardness	ISO 7619-1	-	43 D
Radiation resistance	-	-	-
Tensile strength	IEC 60881-501	50 mm/min	14 MPa
Water absorption	-	-	-

Thermal			
Properties	Method	Conditions	Value
Combustion corrosivity	-	-	-
Continuous temperature rating	IEC 60216	20,000 hrs	+ 135 °C
Flammability	-	-	-
Flame propagation	IEC 60332-1-2	Dependent on cable design	Pass
Oxygen index	-	-	-
Smoke density	-	-	-
Smoke index	-	-	-
Temperature index	-	-	-
Toxicity index	-	-	-



Properties

TPS 155 XL is a flame retardant material which offers excellent outdoor use properties by combination of a wide temperature range and excellent weather-resistance.

Important: Habia Cable has compiled the information contained herein from what it believes to be accurate and factual sources as of the date printed. Data is based on typical values and might vary depending on cable construction and processing method. Any changes in the data will be made without notification.

Available colours (shades may vary from material to material)



Characteristics and key properties

Intended use	Insulation						Temp installation	Temp low	Temp >20,000 hrs	Temp peak
							-55°C	-55°C	+135°C	+155°C

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