

Halogen free heat shrink identification sleeve

TECHNICAL DATA: DMS NH	CURRENT VALUES	TEST METHODS
Material		
Material	Polyofelin, modified; free of lead, cadmium and halogen	n/a
Shrink ratio	2:1	n/a
Longitudinal shrinkage	+ - 10% max.	ASTM D 2671
Mechanical		
Tensile strength	7 MPa min.	ASTM D 2671
Elongation	200% min.	ASTM D 2671
Thermal		
Elongation after thermal ageing (168 h at 136°C)	100%	ASTM D 2671
Thermal shock (4 h at 180°C)	no cracking, no dripping	ASTM D 2671
Cold bend test	does not break at -40°C	ASTM D 2671 C
Shrink temperature	120°C min.	n/a
Continuous operating temperature	-40°C to 125°C	VG 95343-2
Water absorption	1%	ASTM D 2671
Flame Properties*		
Combustion behaviour	flame-retardant	ASTM D 2671
Limiting oxygen index	pass R22 requirement	EN 45545-2 HL3 / EN ISO 4589-2 min. 32%
Smoke density	pass R22 requirement	EN 45545-2 HL3 / EN ISO 5659-2 max. 150
Toxicity index	pass R22 requirement	EN 45545-2 HL3 / NF X 70-100-1&-2 max. 75
Electrical		
Dielectric strength	20 kV/mm	ASTM D 2671
Volume resistivity	10 ¹³ Ω x cm	ASTM D 2671

*Meets LUL E 1042 A6, BS 6853 vehicle category 1a and DIN 5510

FOR FURTHER INFORMATION, PLEASE CONTACT:

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