

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 2
to
AS/NZS 3808: 2000
Insulating and sheathing materials for electric cables

REVISED TEXT

The 2000 edition of AS/NZS 3808 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Table 9 and Table 10.

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Page 22 Table 9 (as amended by Amendment 1)

Delete the footnote and *substitute* the following:

- * The test procedure in AS/NZS 1660 for thermal ageing of elastomers shall be followed.

This Amendment forms part of the Standard on publication.

Page 23 Table 10

Delete Table 10 and *substitute* the following:

TABLE 10
TESTS AND CRITERIA FOR POLYOLEFIN SHEATH

1	2	3	4	5	6
Test	Criteria			Category	Reference for test method
	PE	LLDPE	HDPE		
A Mechanical tests without ageing:				Type	AS/NZS 1660
1 Tensile strength, minimum (MPa)	10.0	10.0	22.0		
2 Elongation at break, minimum (percent)	300	400	400		
B Mechanical tests after ageing in an air oven:*				Type	AS/NZS 1660
Duration and temperature	240 h at 100 ±2°C	336 h at 110 ±3°C	336 h at 110 ±3°C		
Elongation at rupture, minimum (percent)	300	300	300		
C Melt flow index, maximum	1.0	1.0	0.4	Type	AS/NZS 1660
D Carbon black content, minimum (percent)	2	2	2	Type	AS/NZS 1660 or thermogravimetric analysis
E Carbon black dispersion	<5 and no evidence of inferior dispersion e.g. striated pattern	<5 and no evidence of inferior dispersion e.g. striated pattern	<5 and no evidence of inferior dispersion e.g. striated pattern	Type	AS/NZS 1660.2.4
F Environmental stress crack resistance	No failure within 200 h	No failure within 250 h	No failure within 250 h	Type	AS/NZS 1660

* The test procedure in AS/NZS 1660 for thermal ageing of elastomers shall be followed.

This Amendment forms part of the Standard on publication.