



Declaration of Conformity

Fire protection on railway vehicles / Polycarbonat enclosure MBX PRO

The requirements of the currently valid fire protection standard DIN EN 45545-2, with the requirement sets R22 and R23, are met by the product group MBX PRO with hazard level HL 2.

Test result:

Short name of requirement set (used for)	Test method reference	Parameter Unit	Maximum or Minimum	HL1	HL2	HL3	IST
R22	T01	Oxygen (OI) %	Min.	28	28	32	≥ 28 % < 32
	T10.03	Ds max. dimensionless	Max.	600	300	150	125
	T12	CITNLP dimensionless	Max.	1,2	0,9	0,75	0,27
R23	T01	Oxygen (OI) %	Min.	28	28	32	≥ 28 % < 32
	T10.03	Ds max. dimensionless	Max.	-	600	300	125
	T12	CITNLP dimensionless	Max.	-	1,8	1,5	0,27

Kirchlengern, 06/27/2024

i. V. Stefan Grimm

QMB