AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

PYRO-SAFE ® B PX 2200 - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

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以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

PYRO-SAFE® B PX 2200

Two-Component Casting Resin

Description

PYRO-SAFE® B PX 2200 is a black intumescent two-component polyurethane-based casting resin.
It is suitable for the production of moulded parts, panels and penetration seals for preventive fire protection.



Areas of Application

- battery cases
- cell spacing
- cable management
- on request

Delivery and Packaging

PYRO-SAFE® B PX 2200				separate hardener	
Packaging	tin	barrel	cartridge	pail	
Container size	1 kg	250 kg	345 ml	5 kg	25 kg
Article Number					
	3146249	3146289	3146800	3146348	3145953

Tech.Rev.: 1.0
Ling. Rev.: 1.0

PYRO-SAFE® B PX 2200

Technical Data

	Resin	Hardener
Mixing ratio (Parts by weight)	100	12
Mixing ratio (Parts by volume)	7.0	1
Viscosity	approx. 25 000 mPa·s	approx. 40 mPa·s
Viscosity of the mixture	approx. 9000 mPa·s	
Mixed density	1.45 kg/l	
Bookfield RVT pot life, +23 °C	4–30 min (adjustable)	
Curing time	3–24 hrs.	
Flash point	> 200 °C	
Reaction temperature	approx. 160 °C	
Thermal conductivity	1.06 W/(m·K)-1 at +25 °C	
Application instructions	The surfaces to be cast must be dry and clean. Tools for the production of shaped parts must be provided with a suitable release agent. The application is preferably carried out by casting with two-component dosing systems or by hand casting. PYRO-SAFE® B PX 2200 is insensitive to moisture and largely resistant to common technical oils and mild/diluted acids and alkalis.	
Application (min. +5 °C / < 90 % relative humidity)	For manual casting, the processing time at +23 °C is between 4–30 min. The curing time is 3–24 hours. The pot and curing times are adjustable and depend on the temperature.	

Storage	12 months in the original unopened container. Protect from frost.
Safety information	PYRO-SAFE® B PX 2200 is fibre- and solvent-free and not subject to any dangerous goods class. Further information can be found in the safety data sheet.

Moulding Material

Shore hardness (DIN 53505)	88–93 Shore A; 45–50 Shore D
Inflation pressure (300 °C) method A, Sample thickness 5 mm, Ø 70 mm (DIBt Guidelines, 1996)	0.6–1.2 N/mm²
Expansion (450 °C)	17 to 26 times
Application temperature range	-50 °C to +80 °C