AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

FLAMMADUR ® A 365 - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

Aodisi Fire Technology (Langfang) Co., Ltd.

销售及选型联系 / Sales & product enquiries

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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.

FLAMMADUR® A 365

Two-component casting resin

Description

FLAMMADUR® A 365 is a black two-component polyurethane casting resin that forms an insulating layer. It is suitable for the production of cable penetrations, elastic panels and moulded parts for preventive fire protection.



Areas of Application

- Cable management
- Rolling stock
- Ships & offshore
- On request

Delivery and Packaging

FLAMMADUR® A 365				
Packaging	Two-component tin	drum	sep. hardener	
Size	1 kg	250 kg	5 kg	25 kg
Article number				
	4146389	4146289	4146348	4145953

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

FLAMMADUR® A 365

Technical Data

	FLAMMADUR® A 365 (resin)	FLAMMADUR® A 365 (hardener)
Mixing ratio (parts by weight)	100	12
Mixing ratio (parts by volume)	7.0	1.0
Viscosity	approx. 25 000 mPa·s	approx. 40 mPa·s
Viscosity of the mixture	~ 9000 mPa·s	
Density	1.46 kg/l	1.22 kg/l
Mixing density	1.45 kg/l	
Pot life Bookfield RVT, +23 °C	4–30 min (adjustable)	
Curing time	3–24 hrs	
Flashpoint	> 200 °C	> 200 °C
Processing information	The surfaces being cast must be dry and clean. Tools for the production of moulded parts must be provided with a suitable release agent. Processing is preferably carried out in a casting process with two-component dosing systems or by manual casting. FLAMMADUR® A 365 is insensitive to moisture and largely resistant to common technical oils and weak/diluted acids and alkalis.	
Processing (min. +5 °C / < 90 % relative humidity)	With manual casting, the processing time at +23 °C between 4–30 minutes, the curing time is 3–24 hours. The pot life and curing times are adjustable and depend on the temperature	

Storage	Max. 6 months in the original unopened container. Protect from frost.
Safety instructions	FLAMMADUR® A 365 is fibre and solvent free and not subject to any dangerous goods class.
	Consult the safety data sheet for additional instructions.

Moulding material

Shore hardness (DIN 53505)	88–92 Shore A; 32–35 Shore D
Expansion 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

Classification	The product meets the requirements R1 for hazard levels HL1–HL3 as per DIN EN 45545-2 (02/2016) DMT PB Nr. 8116069434-20 The product meets the requirements R17 for hazard levels HL2 DIN EN 45545-2 (02/2016) DMT PB Nr. 8116069434-20 The product meets the requirements according to DIN 5510:Teil 2 (05/2009) Exova PB-Nr. 2016-2003

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