

**Test Certificate No. 22 1000449-20**

30.03.2020

**Client**

MYTA OFICINA CENTRAL

Independencia, 21 6°

50001 Zaragoza

Spanien

**Auftragsdatum**

04.02.2020

**Probeneingang**

21.02.2020

**Datum der Prüfungen**

bis 27.03.2020

**Order**

Test of an oil binding agent in terms of the requirements published by the BMU Advisory Board LTwS (LTwS script no. 27)

Status: April 1998; LTwS-no. 27 (June 1999).

**Sample type**

Oil binding agent based on "attapulgite"

**Identification**

TOTAL SORB MICRO

**Description of sampling**

The sample material was officially taken on 19.02.2020.

The test results refer only to the above mentioned test/test specimen. Only the unchanged form and contents of test certificates may be published or copied without approval of the MPA NRW. The condensed version of the test results is permissible only with approval of the MPA NRW.

This document was originally written in German. In cases of doubt the German version shall prevail.

This test certificate consists of 3 pages.

**Description of the tests / underlying regulations**

„Requirements for oil binding agents“, Status: April 1998; LTwS-no. 27 (June 1999).

- In response to the question concerning the occupational medical and environmental harmlessness of using oil binding agents for petroleum accidents (paragraph 2.1.5.1 of the Specifications).  
 The occupational medical and environmental certificate dated 23.03.2020 is available from the Hygiene Institute in Gelsenkirchen.
  
- In order to ensure the general requirements according to section 2.1.6 of the "requirements for oil binding agents ", the manufacturer's guarantee declaration dated 10.03.2020 is available.

Summary table oil absorbent „TOTAL SORB MICRO“

Eigenschaft	Abschnitt des Regelwerks	Eigenschaft/ Prüfbedingungen	Ergebnis		Anforderung / Bemerkung
			Einheit	MW	
Bulk density	4.3	Determination of the bulk density in a standardized test vessel with application of a surface load of 0.1 bar	g/l	843	--
Oil binder demand	4.5	Determination of mass of hydrocarbons absorbed by a certain quantity of product			
		x g absorbs 100 g oil	g	254	--
		x ml absorbs 100 ml oil	ml	247	--
		1l absorbs x l oil	l	0,41	--
		Oil binder demand	vol.-%	247	Typ III max.350

Eigenschaft	Abschnitt des Regelwerks	Eigenschaft/ Prüfbedingungen	Ergebnis		Anforderung / Bemerkung
			Einheit	MW	
Floatability	4.6	Floatability according to paragraph 4.6 is not necessary for type III		--	--
Ability to hold oil	4.7	After an exposure time of two hours no oil (0,82 g/ml) could be released.  Additional requirement	vol.-%	309	Typ III max.350
			wt.-%	25	--
Grain size distribution	4.8	sieving: > 4 mm 4 – 0,5 mm 0,5 - 0,125 mm < 0,125 mm	wt.-%	0	≤10
				54,3	
				45,5	
				0,2	
SRT-value	4.9	Determination of the change in the slip resistance of a reference test surface, which was treated with a binder after contamination with the test liquid	%	0	≤ 20

### Zusammenfassendes Ergebnis

The tested oil binder "TOTAL SORB MICRO" complies with the "Requirements for Oil Binding Agents" (LTWS script no. 27) for type III R.

This test certificate is valid until 30.03.2026. It can be renewed according to No. 5 of the Specifications.

Dortmund, 30.03.2020

By order

*Tuschy*  
 Tuschy  
 Official in charge

