

	COOKWARE	Date: Datum:	15.03.2022
Applicant / Client : Antragsteller / Kunde:	ILAG intern		
Item: Artikel:	26cm frying pan	Article No.: Artikel Nr.:	-
Manufacturer: Hersteller:	Kolimax		
Application: Applikation:	Spray		
Label / Coating: Beschichtungssystem:	DURIT Professional S	Coating Supplier: Lackhersteller:	ILAG
Code No. Coating: Produktnr. Beschichtung:	LB31775 LB31773 LB31774	Substrat: Untergrund:	Stainless steel
Delivery condition: Zustand bei Anlieferung:	Good	Date of receipt: Eingangsdatum:	28.02.2022
Testing LAB: Prüflabor:	ilag AG (Wangen), Switzerland		
Test results: Prüfergebnisse:	The quality of the tested pans is overall good and meets the expectations of the coating material.		
Others / Remarks: Diverses / Bemerkung:			
Tested by / durchgeführt von:	Checked by / überprüft von:		
N. Weggenmann/ Manager Testing Lab & Kitchen	M. Simler/ Project Manager		
<p>The test results relate only to the test material investigated. Every publication – even a shortage or an abstract – must be agreed by ILAG Switzerland. Die Prüfergebnisse beziehen sich nur auf die getesteten Artikel. Jede Publizierung, auch nur eines Abschnittes, muss durch die ILAG Schweiz freigegeben werden.</p>			

1. Basic tests

1.1. Visual aspect

Test Procedure: Microscope (magnification 80x)

Result: many big cracks

Remarks:

1.2. Dry Film Thickness (DFT)

Test Procedure: DFT Instrument (the Eddy Current Method)

Result: - μm * It is only a rough indication since the used method doesn't work reliably on this substrate.

Remarks: The DFT can not be measured on stainless steel substrates.

1.3. Adhesion (Cross - hatch)

Test Procedure: Based on: DIN ISO 2409 (cutting width 2mm)

Item tested: 2 items

Result:	1 st item:	100 pts	excellent
	2 nd item:	100 pts	excellent
	Total:	100 pts	excellent

Remarks:

2. Corrosion tests

2.1. CEN test

Test Procedure: AA-059

Item tested: 2 items

Result:	1 st item	85 pts	good
	2 nd item	87 pts	good
	Total:	86 pts	good

Remarks:

3. Abrasion tests

3.1. Abrasion test (MTP)

Test Procedure: AA-076

Item tested: 1 item

Result: After 3 hours **good**



Remarks: There might be a small first metal contact after 2-3 hours but it is not clear.

3.2. Durability of coating test (LGA)

Test Procedure: AA-153

Item tested: 1 item

Result: Abrasion 2.00 pts **good**



Non-stick Pancake **excellent**



Non-stick Milk **very good**



Remarks:

4. Sample photos



Assessment scheme / Bewertungstabelle	
90 - 100	excellent / hervorragend
75 - 89	good / gut
50 - 74	satisfactory / befriedigend
30 - 49	insufficient / ungenügend
0 - 29	poor / schlecht