
	List of Methods within Flexible Accreditation in acc. to DIN EN ISO 17025	GS
HB SBF 0321 MEI EN	D-PL-20273-01	Released: Feb. 2025


The following table lists the accredited activities according to partial certificate D-PL-20273-01-01, which are carried out within the flexible scope:

Test Object	Test Type	Test Parameter	Accredited Standard	Accredited under Flexibilization	Category	Released	
Fiber-Reinforced Plastics and Fiber Composites	Thermal Load	Temperature Mass Time Dimension Distance	ISO 11357-2: 2020-03		B	03.07.2020	
			ISO 11357-3: 2018-03		B	30.03.2018	
			DIN EN ISO 11358-1: 2022-07		B	21.11.2022	
			DIN 65583: 1999-04		B	14.02.2017	
Graphite and Carbon Material	Thermal Diffusivity	Temperature Time Dimension	DIN 51936: 2016-08		B	14.02.2017	
				ASTM E 1461: 2013-01	B	29.09.2023	
	Thermal Conductivity	Temperature Voltage Dimension	DIN 51908: 2022-10			B	27.10.2022
	Thermal Expansion	Temperature Distance	DIN 51909: 2009-05			B	21.12.2018
					ASTM E 228: 2022-01	B	13.07.2023
	Flexural Test	Load Distance Strain Dimension		DIN 51902: 2020-12		B	22.12.2020
				DIN 51944: 2020-12		B	22.12.2020
					ASTM D 7972: 2014-01	B	13.07.2023
					ASTM C 651: 2015-11	B	06.02.2025
	Compressive Test	Load Distance Strain Dimension			ASTM C 695: 2021-01	B	11.10.2023
	Tensile Test	Load Distance Strain Dimension			ASTM C 749: 2015-01	B	07.09.2023
	Dynamic Modulus of elasticity	Frequency Dimension		DIN 51915: 2015-09		B	21.12.2018
					ASTM C 747: 2023-10	A	13.02.2024
					ASTM C 747: 2016-01	B	11.10.2023
	Bulk Density	Dimension Mass		DIN 51918: 2018-07		B	21.12.2018
				ISO 12985-1: 2018-05		B	21.12.2018
				ASTM C 559: 2016-01	B	23.05.2023	
Electrical Resistivity	Voltage Current		DIN 51911: 2020-12		B	22.12.2020	
				ASTM C 611: 2021-01	B	23.05.2023	
He-Density	Pressure Mass		DIN 51913: 2013-05		B	21.12.2018	
				ASTM D 2638: 2021-01	B	24.04.2023	
				ASTM D 2638: 2024-10	A	03.12.2024	
Open Porosity	Dimension Mass		DIN 51918: 2018-07		B	21.12.2018	

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The following table lists the accredited activities according to partial certificate D-PL-20273-01-02, which are carried out within the flexible scope:

Test Area	Test Type	Matrix	Analyt	Accredited Standard	Accredited under Flexibilization	Category	Released
Mech. Sample Preparation and Digestion for Physico-chem. Analysis of Elements in Chem. Products	Digestion	Chemical Products	Analytical Sample	DIN 51941-1: 2008-01		A	14.02.2017
Physico-Chemical and Chemical Tests	Gravimetry	Chemical Products	Mass Fraction	DIN 51903: 2012-11		B	14.02.2017
				DIN EN ISO 21068-2: 2008-12		B	21.12.2018
					DIN EN ISO 21068-2: 2024-11	A	11.11.2024
	Gas Chromatography with TCD	Chemical Products	Elements	DIN 51732: 2014-07		A	14.02.2017
	Infrared Spectroscopy	Chemical Products	Inorganic Comp.	DIN EN ISO 21068-2: 2008-12		A	21.12.2018
					DIN EN ISO 21068-2: 2024-11	A	11.11.2024
	Volumetry	Chemical Products	Inorganic Comp.	DIN EN ISO 21068-2: 2008-12		A	21.12.2018
					DIN EN ISO 21068-2: 2024-11	A	11.11.2024
	ICP-OES	Chemical Products	Elements	ISO 14435: 2005-07		B	14.02.2017
				DIN EN ISO 21068-2: 2008-12		B	21.12.2018
					DIN EN ISO 21068-2: 2024-11	A	11.11.2024
				ASTM D 5600: 2022-01	B	31.08.2023	
				ASTM C 781 Annex 5: 2020-06	B	27.09.2024	
			ASTM C 1233: 2015		A	01.10.2024	

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Abbreviations:

A: Flexible accredited in accordance to category A, formerly category III

B: Flexible accredited in accordance to category B, formerly category I