

Test report:	No. 900537
Report date:	18.09.2026
Manufacturer:	Danfoss (Tianjin) Ltd No. 9 Quanhui Road, Wuqing Development Zone, Tianjin, 301700
Name (trade mark/model/type/article) of sample(s):	Cables
Standard(s) specifying requirements and/or test methods, amendments:	EAEU TR 037/2016 "On restriction of the use of hazardous substances in electrical and electronic products"
The test results in this report apply only to the submitted sample(s). Reproduction or reprinting of this test report without permission of the testing laboratory is not permitted.	

Test conditions:	
Air temperature, °C	22
Relative air humidity, %	56
Atmospheric pressure	748 mmHg

Test results

Controlled parameter / test type	Test method standard	Required value	Test result
Permissible concentration of hazardous substances in homogeneous materials used in electrical and electronic products			
Lead, % by weight, max.	STB IEC 62321-2012	0,1	Within limit
Mercury, % by weight, max.	STB IEC 62321-2012	0,1	Not detected
Cadmium, % by weight, max.	STB IEC 62321-2012	0,01	Within limit
Hexavalent chromium, % by weight, max.	STB IEC 62321-2012	0,1	Within limit
Polybrominated biphenyls, % by weight, max.	STB IEC 62321-2012	0,1	Within limit
Polybrominated diphenyl ethers, % by weight, max.	STB IEC 62321-2012	0,1	Within limit
Special requirements			
Lead content in steel, including galvanized steel, %	GOST IEC	0,35	Within limit

max.	62321-5-2016		
Lead content in aluminium alloys, %, max.	GOST IEC 62321-5-2016	04	Not required
Lead content in brass and other copper-based alloys, %, max.	GOST IEC 62321-5-2016	4	Not required
Hexavalent chromium as an anticorrosion additive in carbon-steel cooling systems of absorption refrigerators, by mass of cooling solution, %, max.	GOST IEC 62321-3-1-2016	0,75	Not required
Mercury for sputtering stabilization in plasma displays, per plasma panel, mg, max.	GOST IEC 62321-3-1-2016	30	Not required
Cadmium in light-converting elements of solid-state LEDs for lighting and display systems, per 1 mm of light-emitting surface, mg, max.	GOST IEC 62321-3-1-2016	10	Not required

Conclusion:

The samples submitted for testing comply with the requirements of EAEU TR 037/2016 "On restriction of the use of hazardous substances in electrical and electronic products"



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