

Environmental Declaration

Podjetje/Company IMI Hydronic Engineering Slovenia TA-Regulator d.o.o. Orliška 13, SI-8250 Brežice	Tel +386 (0)7 496 61 00 E-mail info.si@imi-hydronic.com	Datum/Date 2023-10-27	Revizija/Edition 2	ID/ID No TAO-21-001	Stran/Page 1 (3)
Izdelal/Issuer Jože Hočvar	Odobril/Approved Vlado Kurajčić	Naslov/Title Environmental Declaration for product: TA-Modulator DN200			

Manufacturer

Name	IMI International Sp. z o.o.
Adress	Olewin 50A, 32-300 Olkusz, Poland
Phone	+48 327588200
Management system	IMI has a certified quality-, environment-, energy-, and safety management system. The management system is also certified due to the Pressure Equipment Directive. The certificates are published at homepage, www.imi-hydronic.com

General product information

Designation:	TA-Modulator DN200
Type of product:	Pressure-independent balancing and control valve
Product approvals acc to:	
Technical service life:	>10 years
The product is acc to REACH defined as:	Product
ROHS-directive (covers electric- and electronical equipment):	

Material composition

Product componentes	Specification of components composition	CAS-no	Weigth %	Comments
Brass	Cu 65%, Pb 2%, Si 0,7%, Zn32% enl. EN1982		2,15%	
Brass	Cu 65%, Pb 3%, Si 0,7%, Zn32% enl. EN1982		0,5%	
Brass Ametal	Cu 65%, Zn 32%, Pb 2%, Si 0,7% enl. EN 1982 CAS: Cu 7440-50-8, Zn 7440-66-6, Pb 7439-92-1, Si -,		0,02%	
Cast Iron	EN-GJS-400-15, UNI-EN 1563		76,92%	
Stainless Steel	1.4404, EN 10088-3		0,2%	
Stainless Steel	1.4305, EN 10088-3		16,29%	
Stainl. Steel (spring)	1.4310, EN 10270-3		1,11%	
Steel	1.0570		0,46%	
Aluminium Bronze	CuAl10Fe3, , Cu 86,3%, Sn 0,1%, Fe 2,9%, Ni 1,4%, Zn 0,5%, Al 8,3%, Mn 0,3%, Rest 0,2%		1,93%	
Plastics	PA6+ 30%GF, Amid 6 eller 66 +30%GF, POM =Polyoxymethylene PA=PolyAmid GF=Glass Fibre PTFE=Polytetrafluoroethylene		0,16%	
Rubber	EPDM-70 EPDM=EtenPropenDienMonomer		0,16%	
Paint/ Laquer	KTL, PowerCron 6200HE		0,1%	
Other surface tr.				

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Izdelal/Issuer Jože Hočvar	Odobril/Approved Vlado Kurajčić	Naslov/Title Environmental Declaration for product: TA-Modulator DN200			

Other material information	Yes	No	Ev comment
Product is Chrome plated		No	
Product is Nicel plated		No	
Product is galvanized		No	
Is product containing recycled material	Yes		Cast Iron, Brass, A-Metal, Stainless steel, Aluminium Bronze

REACH and SVHC

Information about SVHC (Candidate list) acc. to REACH	
The product contains	
Packaging	The packaging is not containing any substances on the Candidate list
<input type="checkbox"/> Brass <input type="checkbox"/> Redmetal	The Cupper alloy are containing > 0,1% Lead (Pb), CAS No 7439-92-1, which was put in the Candidate list, 2018-06-27.

Packaging

Materials	Yes	No	
Cardboard / Paper	Yes		Produced of recycled material at packaging supplier.
Plastic (Polyethylene)		No	

Manufacturing stage

Energy consumption	The company uses 100% green energy. The company has ISO 50001 certificate - Energy management system.
Sustainability	The owner of the company, IMI plc, has made an overall commitment to fulfil FN Global Compact. Sustainability work is covered in for an example: "IMI Code of Conduct" and is reported in the Annual report. See also: https://www.imiplc.com/ The overall commitment from IMI plc, has been introduced through routines at IMI Slovenia.

Transports

Transport contractors	Transport contractors with pronounced sustainability work are chosen in the first hand.
To and from the company	Lorry or parcel post. The company is working with transports optimization.

Usage stage

Storage	No special demands. Normal practice.
Instructions for use	Can be found on homepage: www.imi-hydronic.com
Emissions	No emissions, if used according to normal practice and instructions for use.
Energy	The products are not energy labeled. To reduce energy consumption, balancing of the product is recommended.

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Izdelal/Issuer Jože Hočvar	Odobril/Approved Vlado Kurajić	Naslov/Title Environmental Declaration for product: TA-Modulator DN200			

Waste/ Worn out product

Materials	Yes	No	
Worn out product can be recycled	Yes		Leave worn out products for recycling.
Card board / Paper	Yes		Recycle packing/paper.
Plastic (Polyethylene)	Yes		Recycle plastic.

Waste codes

Waste	EWC code
Brass	17 04 01
Iron and Steel	17 04 05
Card Board	15 01 01
Non-Ferrous metal	16 01 18
Rubber	19 12 04
Plastic	15 01 02

CO₂-load

CO₂ -load	Data for 2018 (CR360): 0,53t CO ₂ per ton of products.
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