



IKATES, s.r.o.

Laboratory for glass and building products testing

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TEST REPORT

No. : 270B / 2024

Test item : **Beverage glass**
- mechanical dishwashing resistance of utensils

Client (address): **KEDAUNG EUROPE a.s.**
Karlovo náměstí 288/17,
Nové Město, 120 00 Praha 2, Czech Republic

Producer (address): **KEDAUNG EUROPE a.s.**
Karlovo náměstí 288/17, Nové Město, 120 00 Praha 2
production site Lánecká 149,
582 91 Světlá nad Sázavou, Czech Republic

Place of test performance : testing lab IKATES, s.r.o., Teplice

Date of sample receiving : 2024-10-25

Date of test performance : 2024-10-29 to 2025-02-07

Date of issue : 2025-02-07

Number of pages : 3

Page No. : 1

Manager of testing laboratory:  Ing. Jiří Stránský



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Normative documents :

ČSN EN 12875-2 (2002): Mechanical dishwashing resistance of utensils –
Part 2: Inspection of non-metallic articles

Description of sample :

Following samples of beverage glass were supplied for testing:

HRC flute – 5 pcs.

HRC white wine – 5 pcs.

HRC red wine – 5 pcs.

Note: 4 pcs. were used as test pices and 2 pcs. as a reference.

Used equipment :

The test of mechanical dishwashing resistance was carried using of BOSCH SMS546CW01E dishwashing machine and finish Powerball - Power – All in One detergent.

Test results:

1. Mechanical dishwashing resistance of utensils for domestic use –

Experimental (In-house) test (assessment acc. to ČSN EN 12875-2)

Used dishwashing machine: BOSCH SMS546CW01E

Detergent: finish powerball – Power - All in One

Cycle: intensive program 65 °C – 60 minutes (washing 65 °C, hot rinse temperature 70 °C)

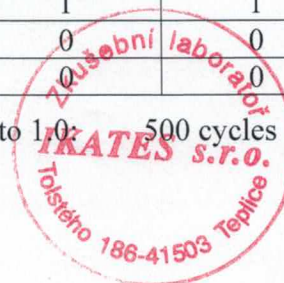
Examination was carried out by two inspectors: Michal Hnilička and Jiří Stránský

Note: 0 = no observable changes; 1 = first observable changes; 2 = clearly visible change

Average evaluation

Criterion	HRC flute - 4 pcs.				
	No. of cycles				
	300	350	400	450	500
color	0	0	0	0	0
surface gloss	0,5	0,5	1	1	1
haze	0	0	0	0	0
deposits	0	0	0	0	0

The number of cycles with an average value of the criterion up to 10: 500 cycles



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Criterion	HRC white wine - 4 pcs.				
	No. of cycles				
	300	350	400	450	500
color	0	0	0	0	0
surface gloss	0,5	0,5	1	1	1
haze	0	0	0	0	0
deposits	0	0	0	0	0

The number of cycles with an average value of the criterion up to 1.0: 500 cycles

Criterion	HRC red wine - 4 pcs.				
	No. of cycles				
	300	350	400	450	500
color	0	0	0	0	0
surface gloss	0,5	0,5	1	1	1
haze	0	0	0	0	0
deposits	0	0	0	0	0

The number of cycles with an average value of the criterion up to 1.0: 500 cycles

In all cases, it was the occurrence of striae in the bottom of the product and partly also on the calyx.

Statement : Test results, given in this report, apply only to the tested items as received. Test report does not replace other documents, e.g. administrative character, issued from other bodies, according to particular regulations.

Distribution list :

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Test report was approved by:

end of the test report



Jiří Stránský