

**INSPECTION REPORT**

TR12323498

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EUROLAB LABORATUVAR A.Ş.



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**Sample ID :** HPL and Compact

|   | TEST/ INSPECTION | DIRECTIVE                                                | METHOD   | RESULT |
|---|------------------|----------------------------------------------------------|----------|--------|
| * | Migration Test   | The General Product Safety Directive (GPSD) (2001/95/EC) | EN 13130 | PASS   |

NOTE: This test/inspection result replaces the conformity assessment, can be presented to official institutions, and used in products and brochures.



Seal

Customer Representative

Merve Nur KIRVELİ

Laboratory Manager

Merve ÖZLÜ

Test/inspection results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test/inspection Request Form (PR03-F01)" conveyed to us from the Applicant. Test/inspection results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of EUROLAB Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "\*" are in the Scope of our Accreditation Certificate issued from UAF according to TS EN ISO/IEC 17020, 17025, Analysis as indicated with "\*\*\*" are performed at the external laboratories using accredited test/inspection methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting "N" to related pages. Tested and remaining samples will be kept in specified terms & conditions at test/inspection request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values. Measurement Uncertainty values are not taken in consideration during Pass/Fail assessment of the test/inspection results shown in this Report. Evaluation of the test/inspection results using Measurement Uncertainty values is the responsibility of the Applicant. An inspection body shall issue an inspection certificate that does not include the inspection results only when the inspection body can also produce an inspection report containing the inspection results, and when both the inspection certificate and inspection report are traceable to each other.

PR33-F01/08.10.2015/Rev:17.01.2017-R01

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## EN 13130 - Migration Test

### Scope

Since it is not always possible to use foodstuffs in testing food contact materials, food simulants are used. Food simulants are generally classified according to their characteristics of one or more food types. Food types and food simulants to be used are given in Table 1.

**Table 1: Food Types and Food Equivalents**

| Food Types                                                                | General Classification                                                                                                                                                                                   | Food Like                                                                         | Abbreviation |
|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|
| Aqueous Foods<br>(e.g. aqueous foods with a pH > 4.5)                     | In the "Turkish Food Codex Communiqué on the List of Similar Foods Used in the Migration Test of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which similar A is used | 10% Ethyl alcohol solution                                                        | Similar A    |
| Acidic Foods (e.g. aqueous foods with pH < 4.5)                           | In the "Turkish Food Codex Communiqué on the List of Similar Foods Used in the Migration Test of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which similar B is used | 3% Acetic acid (weight / volume)                                                  | Similar B    |
| Foods with an alcohol content is 20% and oil-in-water emulsions           | In the "Turkish Food Codex Communiqué on the List of Similar Foods Used in the Migration Test of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which similar C is used | 20% Ethyl alcohol solution                                                        | Similar C    |
| Foods with an alcohol content of more than 20% and oil-in-water emulsions | In the "Turkish Food Codex Communiqué on the List of Similar Food Used in the Migration Test of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which similar D1 is used | 50% Ethyl alcohol solution                                                        | Similar D1   |
| Foods with free fat on their surface                                      | In the "Turkish Food Codex Communiqué on the List of Similar Food Used in the Migration Test of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which similar D2 is used | Vegetable oil                                                                     | Similar D2   |
| Dry Foods                                                                 | In the "Turkish Food Codex Communiqué on the List of Similar Food Used in the Migration Test of Components of Plastic Materials in Contact with Foodstuffs", only foodstuffs in which similar E is used  | Poly(2,6-diphenyl-p-phenylene oxide) (particle size 60-80 mesh, pore size 200 nm) | Similar E    |

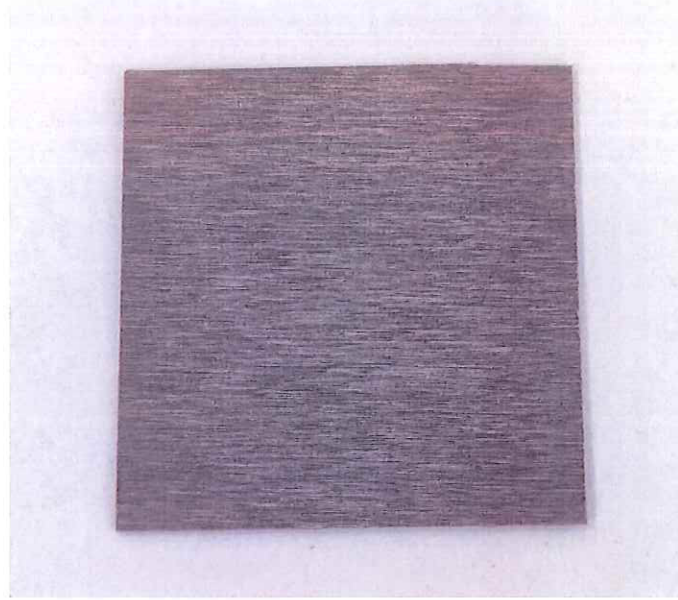
| Component | Specific Migration Limit (mg / kg) |
|-----------|------------------------------------|
| Aluminum  | 1                                  |
| Barium    | 1                                  |
| Cobalt    | 0.05                               |
| Copper    | 5                                  |
| Iron      | 48                                 |
| Lithium   | 0.6                                |
| Manganese | 0.6                                |
| Nickel    | 0.02                               |
| Zinc      | 5                                  |

### Test Results

| Food Simulant                                                                        | Aluminum | Barium | Cobalt | Copper | Iron | Lithium | Manganese | Nickel | Zinc |
|--------------------------------------------------------------------------------------|----------|--------|--------|--------|------|---------|-----------|--------|------|
| 10% Ethyl alcohol solution                                                           | N.D      | N.D    | N.D    | N.D    | N.D  | N.D     | N.D       | N.D    | N.D  |
| 3% Acetic acid (weight / volume)                                                     | N.D      | N.D    | N.D    | N.D    | N.D  | N.D     | N.D       | N.D    | N.D  |
| 20% Ethyl alcohol solution                                                           | N.D      | N.D    | N.D    | N.D    | N.D  | N.D     | N.D       | N.D    | N.D  |
| 50% Ethyl alcohol solution                                                           | N.D      | N.D    | N.D    | N.D    | N.D  | N.D     | N.D       | N.D    | N.D  |
| Vegetable oil                                                                        | N.D      | N.D    | N.D    | N.D    | N.D  | N.D     | N.D       | N.D    | N.D  |
| Poly(2,6-diphenyl-p-phenylene oxide)<br>(particle size 60-80 mesh, pore size 200 nm) | N.D      | N.D    | N.D    | N.D    | N.D  | N.D     | N.D       | N.D    | N.D  |

\*N.D: Not Detected

Sample Image



\*\*\*End Of Report\*\*\*