

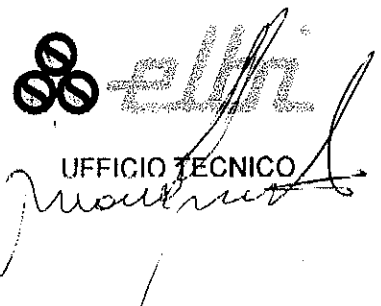
DIVISIONE TERMIDRAULICA

Limena (Pd) Italy, 26.08.2004

Elbi S.p.A. dichiara che tutti i serbatoi in polietilene prodotti (modelli CU, CX, CP, CH, CV, CB) sono idonei a contenere liquidi ad uso alimentare in accordo con le norme CEE 82/711/CE, 82/572/CE, 92/39/CE, 97/48/CE e 99/91/CE.

In allegato trasmettiamo copia delle prove di migrazione su provini in polietilene Elbi eseguite dalla "Stazione alimentare per l'industria delle conserve alimentari" di Parma. I dati riportati dal certificato sono validi per tutte le tipologie di prodotto indipendentemente dalla loro colorazione.

Distinti Saluti



UFFICIO TECNICO



DIVISIONE TERMOIDRAULICA

Limena (Pd) Italy, 15.10.2001

Elbi S.p.A. declare that the following polyethylene tanks (CU, CX, CP, CH, CV, CB models) are suitable to contain drinking-water.

Best regards


UFFICIO TECNICO
Simone Zoccarato

EXPERIMENTAL STATION FOR THE ALIMENTARY INDUSTRY

Parma, 5th september 2001
Test-report N. 1756
Lip/tp Pag. 1/1
35010 Limena, PD

To company
Elbi S.p.A.
Via Buccia, 9

MIGRATION TEST ON POLYETHYLENE POWDER SAMPLES

Reference letter dtd. 25/05/2001

This pertains to the results of the analyses performed on the polyethylene powder samples delivered to our laboratory on 7th June 2001 via direct courier:

- 15 pcs of 80x50 mm polyethylene samples meant to get in touch with alimentary-liquids.

Requested tests: global migration and migration of colorants
Applied Method: method reported in the "D.M."¹ dated 21/03/73 (modified by the D.M. 26/04/01, n. 220 and dtd. 22/07/98, n. 338).

Stimulating liquids to be employed: B (water solution dissolved into 3% of acetic acid w/v²)
C (15% ethylic alcohol solution v/v³ water solution)
D (rectified olive oil)

Beginning of the test: 10/07/01
End of the test : 10/08/01

Test conditions:

Global migration (mg/kg) at 40° C/10d:

	<u>Results</u>	<u>L(*)</u>
- in B stimulating liquid (mg/dm ²)	1,6	10
- in C stimulating liquid (mg/dm ²)	0,8	10
- in D stimulating liquid (mg/dm ²)	0,5	10

Migration of colorants: the optical transmission of the
Stimulating liquids coming from the tests of global
Migration is
with respect to base levels between 400-750 nm

> 95% not < 95%

a: report regarding the exposed surface (cm²) and stimulating volume (ml) = 0,8

(*) Maximum allowable limit defined by the D.M. 21st March 1973 (regulations pertaining the hygienical discipline of packages, containers, tools meant to come in touch with alimentary substances and with substances of personal use). Adjustment to several CEE directives and recently to the CEE directive n. 99/91/CEE.

The laboratory responsible

The direction

¹ D.M. Italian Ministerial decree
² w/v weight/volume
³ v/v volume/volume

 **elbi** S.p.A.
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35010 LIMENA (Padova)