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Notificato CE 0068 - Accreditato SINCERT 047A - Accreditato SINAL 0019 - Competent Body: EMC CE 2004/108 e BT 2006/95/CE

Autorizzazioni:

Ministero delle Infrastrutture e dei Trasporti per legge 1086 - Ministero dell'Università e della Ricerca Scientifica e Tecnologica per Legge 46/82 - Ministero delle Attività Produttive - Ministero dell'Interno per prove reazione al fuoco, estintori portatili e carrellati, evacuatori di fumo e calore - Ministero della Salute per analisi in BPL e prove I.S.P.E.S.L. - Regione Lombardia per analisi acque potabili e non - Ministère de l'Industrie, de la Poste et des Télécommunications per pentole a pressione e verifiche di sorveglianza alla produzione

Certificazione di prodotto - Controlli non distruttivi - Prove tecnologiche - Termografia - Prove termotecniche - Rilievi estensimetrici - Prove calcestruzzi - Geotecnica
Analisi chimica - Agroalimentare - Cosmesi - Metallografia - Microscopia elettronica - Sicurezza - Ecologia - Controllo qualità - Ricerche - Consulenze

Rho, 28 July 2008

TEST REPORT No. 2140-2008

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NPA 1109/08

Order: letter dated 19/06/2008

SUBJECT: Suitability test on polyamide-6 resin destined to be in contact with foodstuff in accordance with Food and Drug Administration standards (FDA).

On 20/06/2008 our laboratory received no. 1 sampling of film in polyamide-6 identified as:

Product name: POLYAMIDE 6 VOLGAMID F

Manufacturer: OJSC Kuibyshev Azot

Novozavodskaya str. - 445007 TOGLIATY (SAMARA region) - Russia

On this items have been determined:

- solubility in boiled HCl 4,2 N;
- extractable fraction in water, in 95% ethanol, in ethylacid and in benzene;

to verify the conformity with the requirements prescribed by FDA and reported on Code of Federal Regulation - Title 21 - Section 177.1500 - Clause 6.1 (Nylon 6 resins).

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EMESSA IL 27 SET 2008

RICHIESTA DEL 27 AGO 2008

Test methods and results, performed in the period 15 + 25/07/2008, are reported in the following page.

This test report refers only to the tested sample and can be reproduced only in full.

Laboratory technician

Technical manager



-TEST METHODS AND RESULTS -

Determinations of solubility in boiled HCl 4,2N, extractable fractions in water, in 95% ethanol, in ethylacid and in benzene have been performed in accordance with methods reported on Code of Federal Regulation – Title 21 – Section 177.1500.

Solubility in boiled HCl 4,2N	Sample has been dissolved in 20 minutes
Extractable fraction in water	0,63 ± 0,04 %
Extractable fraction in 95% ethanol	1,14 ± 0,03 %
Extractable fraction in ethylacid	0,17 ± 0,01 %
Extractable fraction in benzene	0,08 ± 0,01 %

**Limits reported on Code of Federal Regulation – Title 21 –
Section 177.1500 – Clause 6.1 (Nylon 6 resins)**

Solubility in boiled HCl 4,2N	Dissolution in 1 hour
Extractable fraction in water	1,0 %
Extractable fraction in 95% ethanol	2,0 %
Extractable fraction in ethylacid	1,0 %
Extractable fraction in benzene	1,0 %

All the analysed parameters respect the limits prescribed by FDA for Nylon 6 resin (PA-6) destined to be in contact with foodstuff.

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