



LABORATORIO PER LA CERTIFICAZIONE E RICERCA
SUI SISTEMI ELASTOMERICI

con il patrocinio del C.N.R.



To

SIRMAX S.p.A.

Via dell'Artigianato, 42

Date, 24th October, 2012

TR n° **488-A/2012**

Ref. Your Ord.n°1200051 dated 20.07.2012

35013 CITTADELLA (PD)

Received 23.07.2012

Start tests 30.07.2012

End tests 22.10.2012

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T E S T R E P O R T

Subject: SUITABILITY TO BE USED IN CONTACT WITH FOODS, ACCORDING TO FDA 177.1520, OF A SAMPLE OF POLYPROPYLENE REINFORCED WITH TALC

**POLYPROPYLENE
REINFORCED WITH TALC**

**ISOFIL
HK 40 TP X FG NA**

Test Methods
FDA-CFR 21
Parts 170 to 199
Item 177.1520

Requirements

Percent extractable wit n.hexane (MEF)	%	0,81	6,4
Percent soluble in Xylene (MSF)	%	2,62	9,8
<u>Melting point</u>	°C	163,46	160 ÷ 180
<u>Density</u>	g/cm ³	Not applicable on reinforced sample	0,88 ÷ 0,91

MEF : Maximum Extractable Fraction

MSF : Maximum Extractable Fraction

REMARK: On the basis of the test results and on the basis of the recipe provided by the Customer, **we certifies** that the Polypropylene Reinforced with Talc marked **"ISOFIL HK 40 TP X FG NA"** **is in compliance** with the Requirements of the FDA – CFR 21 – Parts 170 to 199 – Item 177.1520 Paragraph **(3)(4)** of the contact with foods.

The sampling has been carried out by the Customer.

The contained results refer only to the tested sample.

This report cannot be partially reproduced without the laboratory approval.

E. Badomer, **Operator**



F. Negroni, **Director**