Certificate Of FDA Compliance

201904-202103

This is certified that:

At The Address Stated Below Has Completed U.S. FOOD And DRUG ADMINISTRATION Food Facility Registration And Test Through MANTONG.

Shandong Huaxia Shenzhou New Material Co.,Ltd

Tangshan Town,Huantai Country,Zibo City ,Shandong Province,China

Product	Perfluorinated Ethylene-Propylene Copolymer 602、611、612、610、618、628
Test Requested	With reference to U.S. F.D.A. C.F.R.21 Part 177.1550
Report No.	J-00331942
Test Performing	01-Apr-2019~09-Apr-2019
Test Laboratory	NSF International
Registration	11368306636

MTG FDA REGISTER CENTER CORPORATE SEAL CALIFORNIA

Jacky M. Chuang

Executive Director

Date:04-16-2019

MTG STANDARDS TESTING & CERTIFICATION CENTER www.fdacn.org

NSF International

NSF International.
789 Dixboro Road, Ann Arbor, Michigan
48105-9723 USA
1-800-NSF-MARK 734-769-8010
www.nsf.org

TEST REPORT

Send To: C0096491

SHANDONG HUAXIA SHENZHOU NEW MATERIAL CO.,LTD.

TANGSHAN TOWN,HU ANTAI COUNTRY,ZIBO CITY, SHANDONG PROVINCE,CHINA

Facility: C0096493

SHANDONG HUAXIA SHENZHOU NEW MATERIAL CO.,LTD.

TANGSHAN TOWN,HU ANTAI COUNTRY,ZIBO CITY, SHANDONG PROVINCE,CHINA

Result **Complete** Report Date 11-Apr-2019

Customer Name	SHANDONG HUAXIA SHENZHOU NEW MATERIAL CO.,LTD.
Description	PERFLUORINATED ETHYLENE-PROPYLENE COPOLYMER
Model Name	602,611,612,610,618,628
Test Type	Test Only
Job Number	J-00331942
Sample Reception Date	01-Apr-2019
Testing Date	01-Apr-2019~09-Apr-2019

Summary of Results

Testing Parameters and Standards	Result
1) Determination of total extractives residue according to US FDA 21 CFR 177.1550	Complete
2) Determination of fluoride extractives according to US FDA 21 CFR 177.1550	Complete

Report Authorization **Date** 11-Apr-2019

Kerri Levanseler - Manager, Laboratory Support Group

1. Determination of total extractives residue according to US FDA 21 CFR 177.1550

1.1 Testing procedure:

Extract samples with the extractive solvent at extractive condition, weigh the residue and calculate total extractives in mg per square decimetre of the sample extracted.

1.2 Testing result：

Testing Parameter	Testing Condition	Unit	Result	Acceptance	Conclusion
Extractives residue (water)	Reflux temperature, 2hr	mg/dm^2	1.0	≤3.1	PASS
Extractives residue (n-heptane)	Reflux temperature, 2hr	mg/dm^2	1.0	≤3.1	PASS
Extractives residue (50% ethanol)	Reflux temperature, 2hr	mg/dm^2	0.5	≤3.1	PASS
Extractives residue (ethyl acetate)	Reflux temperature, 2hr	mg/dm^2	0.8	≤3.1	PASS

2. *Determination of fluoride extractives according to US FDA 21 CFR 177.1550

2.1 Testing procedure:

Extract samples with the extractive solvent at extractive condition, and determine the fluoride extractives by ISE meter.

2.2 Testing result：

Testing Parameter	Testing Condition	Unit	Result	Acceptance	Conclusion
Fluoride extractives (water)	Reflux temperature, 2hr	mg/dm^2	0.054	≤0.46	PASS
Fluoride extractives (n-heptane)	Reflux temperature, 2hr	mg/dm^2	ND(0.02)	≤0.46	PASS
Fluoride extractives (50% ethanol)	Reflux temperature, 2hr	mg/dm^2	0.11	≤0.46	PASS
Fluoride extractives (ethyl acetate)	Reflux temperature, 2hr	mg/dm^2	0.029	≤0.46	PASS

Remark
1) ND=Not Detected, less than reporting limit.
2) Client claim the sample is perfluorinated ethylene propylene copolymer.
3) End-product testing was performed to 21 CFR 177.1550 per Client request and that the acceptable results are based on the assumption that all material components have been confirmed by the formulator as compliant to 21 CFR and applicable FDA regulations for the intended end use.
4) "*"The test is done by an authorized subcontracted lab.
5) Shanghai Laboratory was authorized by Ann Arbor to conduct the testing.
6) Sample from: Provided by the client.

Picture of Sample

End of Report