



REPORT

CUSTOMER'S REF NO.: PO111783
ALS THAILAND REF NO.: ATT/ELP/14/3929-IB
DATE: 27 February 2015
COMPANY: Saint Gobain Performance Plastics
Unit 16 Concorde Rd. Patchway , Bristol, BS34 5TB

DATE SAMPLE RECEIVED: 09-February-2015
DATE ANALYZED: 18-February-2015
DATE TEST COMPLETED: 19-February-2015

SAMPLE DESCRIPTION: One lot of sample was received with references:
Description: RING6354G
Model: B212154
Surface Area: 2.31 cm²
Remark: Seagate Monthly

METHOD/PROCEDURE:

Analysis	Procedure No	Number of pieces used for extraction	Extraction Medium	Extraction Volume
IC	20800012-001 Rev.E	9	Ultrapure Water at 80oC	20ml

RESULTS:

The Specification is based on Seagate's Doc 20800010-120 Rev.BE for Mechanical Cmpmts Not in Contact w Discs (non EN, non FC) to be used directly in the cleanroom

Anionic Contamination	Specification Limits, (µg/cm ²)	Results, (µg/cm ²)
Fluoride as F	<0.05	<0.0005
Chloride as Cl	<0.05	0.0010
Nitrite as NO ₂	<0.05	<0.0005
Bromide as Br	<0.05	0.0010
Nitrate as NO ₃	<0.05	<0.0005
Sulphate as SO ₄	<0.03	0.0012
Phosphate as PO ₄	<0.05	<0.0005
Total of 7Anions	<0.2	<0.0052

Cationic Contamination	Specification Limits, (µg/cm ²)	Results, (µg/cm ²)
Ammonium as NH ₄	<0.1	<0.0006

ALS Testing Services
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