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FINAL REPORT

Report ID : 324316

Report Information

Submitting Organisation : 00109376 : HANSEN PRODUCTS (NZ) LIMITED

Account : 130354 : Hansen Products (NZ) Limited - AS/NZS 4020 Testing

AWQC Reference : 130354-2021-CSR-3 : Prod Test: Hansen Easyfit ID Compression range – ½” to 2”

Project Reference : PT-4698

Product Designation : Hansen Easyfit ID Compression Range (½” Straight Coupling Representative Sample)

Composition of Product : Polypropylene (BA160E Black-Borealis HMDIDC Coupling Body & F20-03 Orange, Mitsubishi Engineering Plastics, Pipe Bush + Seal Washer).

Product Manufacturer : Hansen Products (NZ) Ltd., Union East Ste, Whangarei, NEW ZEALAND.

Use of Product : In-line/Water Pipe Fitting.

Sample Selection: As provided by the submitting organisation.

Testing Requested : **AS/NZS 4020 TESTING OF PRODUCTS FOR USE IN CONTACT WITH DRINKING WATER**

Product Type : Composite

Samples : Samples were prepared and controlled as described in Appendix A of AS/NZS 4020:2018

Extracts : Extracts were prepared as described in Appendix/Clause C, D, E, F, G, H, 6.8.

Project Completion Date : 10-Nov-2021

Project Comment : Product sample received on the 29-Jul-2021 and testing commenced 07-Aug-2021.

PLEASE NOTE THAT THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL

THE RESULTS STATED IN THIS REPORT RELATE TO THE SAMPLE OF THE PRODUCT SUBMITTED FOR TESTING. ANY CHANGES IN THE MATERIAL FORMULATION, PROCESS OF MANUFACTURE, THE METHOD OF APPLICATION, OR THE SURFACE AREA-TO-VOLUME RATIO IN THE END USE, COULD AFFECT THE SUITABILITY OF THE PRODUCT FOR USE IN CONTACT WITH DRINKING WATER

Michael Glasson
APPROVED SIGNATORY



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Summary of Results

APPENDIX/CLAUSE	RESULTS
C – Taste	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.
D – Appearance	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.
E – Growth of Aquatic Micro-organisms	Passed at the in-use exposure.
F – Cytotoxic Activity	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.
G – Mutagenic Activity	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.
H – Metals	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.
6.8 – Organic Compounds	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.

Test Methods

Test(s) in Appendix	AWQC Test Method	Reference Method
C	T0320-01	AS/NZS 4020:2018
D	TO029-01 & TO018-01	APHA 2120c & APHA 2130b
E	TO014-03	APHA 4500 O G
F	TM-001	AS/NZS 4020:2018
G	TM-002	AS/NZS 4020:2018
H	TIC-006	EPA 200.8

Organic Test Methods

Test(s) in Clause	Test Method	Reference Method
Clause 6.8	TMZ-M36	USEPA524.2
	EP239	USEPA521
	EP132-LL	USEPA_SW846-8270D
	EP075C	USEPA_SW846-8270D
	EP075ASIM	USEPA_SW846-8270D



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