

Damar Industries LtdEastgate Business Park, 800 Te Ngae Road,
Rotorua, New Zealand +64-7345 6007**WOOL SCOURABILITY TEST REPORT**


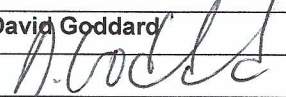
Client	Damar Industries LTD	Issue Date	02/08/2019
Product	GEA FLEECE MARKER ORANGE	Print Date	02/08/2019
Colour	Orange	Report Number	2019-GI-09

Branding substance : Aerosol spray
Manufacturer and brand name : Damar Industries Ltd, GEA FLEECEMARK ORANGE 190g
Manufacturing code : CNR4416
Batch number : 19-A-08

Sample Number	Date of test	Amount applied (g)	Scouring Treatment Temperature	Exposure conditions	Staining Scale Rating	Result
1	15/11/2018	0.22	HT	Unexposed	5	Pass
2	28/11/2018	0.22	LT	Unexposed	5	Pass
3	13/12/2018	0.22	HT	Exposed	5	Pass
4	13/12/2018	0.22	LT	Exposed	5	Pass

The sample has met the requirements of AS4054-1992: Yes

Staining scale rating 1 = Severe Staining and 5 = No Staining. 'Pass' is when staining scale rating >4

Tested By	Anish Cyriac	Checked By	David Goddard
Sign		Sign	
Position	Product Development Chemist	Position	Group Technical Manager
Date	02/08/2019	Date	02/08/2019

* Test samples were prepared in accordance to AS 4054.1992: Scourable branding substance for greasy wool

** Tests were in accordance with In-house methods based on the references indicated (AS 4054 -1992).

*** Wool exposure were conducted at NZWTA as per AS 2001.4 B02-2001 – Colour Fastness to artificial light; Xenon arc fading lamp test (ISO 105 B02:1994 MOD)

This report shall not be reproduced except in full without approval of the signatory



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

Damar Industries Ltd

Eastgate Business Park, 800 Te Ngae Road,
Rotorua, New Zealand +64-7345 6007

WOOL SCOURABILITY TEST REPORT



Client	Damar Industries LTD	Issue Date	02/08/2019
Product	BLUE FLEECE MARKER	Print Date	02/08/2019
Colour	Blue	Report Number	2019-GI-06

Branding substance : Aerosol spray
 Manufacturer and brand name : Damar Industries Ltd, GEA FLEECEMARK BLUE 190g
 Manufacturing code : CNR3816
 Batch number : 19-A-04

Sample Number	Date of test	Amount applied (g)	Scouring Treatment Temperature	Exposure conditions	Staining Scale Rating	Result
1	07/11/2018	0.23	HT	Unexposed	5	Pass
2	07/11/2018	0.24	LT	Unexposed	5	Pass
3	13/12/2018	0.21	HT	Exposed	5	Pass
4	13/12/2018	0.22	LT	Exposed	5	Pass

The sample has met the requirements of AS4054-1992: Yes

Staining scale rating 1 = Severe Staining and 5 = No Staining. 'Pass' is when staining scale rating >4

Tested By	Anish Cyriac	Checked By	David Goddard
Sign		Sign	
Position	Product Development Chemist	Position	Group Technical Manager
Date	02/08/2019	Date	02/08/2019

* Test samples were prepared in accordance to AS 4054.1992: Scourable branding substance for greasy wool

** Tests were in accordance with In-house methods based on the references indicated (AS 4054 -1992).

*** Wool exposure were conducted at NZWTA as per AS 2001.4 B02-2001 – Colour Fastness to artificial light; Xenon arc fading lamp test (ISO 105 B02:1994 MOD)

This report shall not be reproduced except in full without approval of the signatory



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

Damar Industries Ltd

Eastgate Business Park, 800 Te Ngae Road,
Rotorua, New Zealand +64-7345 6007

WOOL SCOURABILITY TEST REPORT


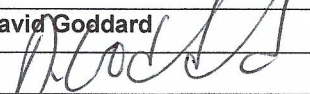
Client	Damar Industries LTD	Issue Date	02/08/2019
Product	GREEN FLEECE MARKER	Print Date	02/08/2019
Colour	Green	Report Number	2019-GI-05

Branding substance : Aerosol spray
 Manufacturer and brand name : Damar Industries Ltd, GEA FLEECEMARK GREEN 190g
 Manufacturing code : CNR3116
 Batch number : 19-A-05

Sample Number	Date of test	Amount applied (g)	Scouring Treatment Temperature	Exposure conditions	Staining Scale Rating	Result
1	29/10/2018	0.22	HT	Unexposed	4.5	Pass
2	29/10/2018	0.21	LT	Unexposed	4.5	Pass
3	13/12/2018	0.22	HT	Exposed	5	Pass
4	13/12/2018	0.21	LT	Exposed	5	Pass

The sample has met the requirements of AS4054-1992: Yes

Staining scale rating 1 = Severe Staining and 5 = No Staining. 'Pass' is when staining scale rating >4

Tested By	Anish Cyriac	Checked By	David Goddard
Sign		Sign	
Position	Product Development Chemist	Position	Group Technical Manager
Date	02/08/2019	Date	02/08/2019

* Test samples were prepared in accordance to AS 4054.1992: Scourable branding substance for greasy wool

** Tests were in accordance with In-house methods based on the references indicated (AS 4054 -1992).

*** Wool exposure were conducted at NZWTA as per AS 2001.4 B02-2001 – Colour Fastness to artificial light; Xenon arc fading lamp test (ISO 105 B02:1994 MOD)

This report shall not be reproduced except in full without approval of the signatory



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

Damar Industries LtdEastgate Business Park, 800 Te Ngae Road,
Rotorua, New Zealand +64-7345 6007**WOOL SCOURABILITY TEST REPORT**


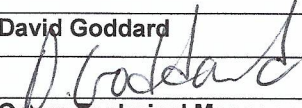
Client	Damar Industries LTD	Issue Date	02/08/2019
Product	PURPLE FLEECE MARKER	Print Date	02/08/2019
Colour	Purple	Report Number	2019-GI-07

Branding substance : Aerosol spray
Manufacturer and brand name : Damar Industries Ltd, GEA FLEECEMARK PURPLE 190g
Manufacturing code : CNR2016
Batch number : 19-A-09

Sample Number	Date of test	Amount applied (g)	Scouring Treatment Temperature	Exposure conditions	Staining Scale Rating	Result
1	28/11/2018	0.21	HT	Unexposed	5	Pass
2	28/11/2018	0.21	LT	Unexposed	5	Pass
3	13/12/2018	0.25	HT	Exposed	5	Pass
4	13/12/2018	0.24	LT	Exposed	5	Pass

The sample has met the requirements of AS4054-1992: Yes

Staining scale rating 1 = Severe Staining and 5 = No Staining. 'Pass' is when staining scale rating >4

Tested By	Anish Cyriac	Checked By	David Goddard
Sign		Sign	
Position	Product Development Chemist	Position	Group Technical Manager
Date	02/08/2019	Date	02/08/2019

* Test samples were prepared in accordance to AS 4054.1992: Scourable branding substance for greasy wool

** Tests were in accordance with In-house methods based on the references indicated (AS 4054 -1992).

*** Wool exposure were conducted at NZWTA as per AS 2001.4 B02-2001 – Colour Fastness to artificial light; Xenon arc fading lamp test (ISO 105 B02:1994 MOD)

This report shall not be reproduced except in full without approval of the signatory



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

Damar Industries Ltd

Eastgate Business Park, 800 Te Ngae Road,
Rotorua, New Zealand +64-7345 6007

WOOL SCOURABILITY TEST REPORT


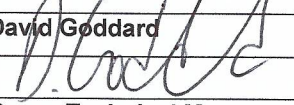
Client	Damar Industries LTD	Issue Date	02/08/2019
Product	RED FLEECE MARKER	Print Date	02/08/2019
Colour	Red	Report Number	2019-GI-10

Branding substance : Aerosol spray
 Manufacturer and brand name : Damar Industries Ltd, GEA FLEECE MARKER RED
 Manufacturing code : CNR1316
 Batch number : 19-A-07

Sample Number	Date of test	Amount applied (g)	Scouring Treatment Temperature	Exposure conditions	Staining Scale Rating	Result
1	15/11/2018	0.21	HT	Unexposed	4.5	Pass
2	28/11/2018	0.21	LT	Unexposed	5	Pass
3	13/12/2018	0.21	HT	Exposed	4.5	Pass
4	13/12/2018	0.21	LT	Exposed	5	Pass

The sample has met the requirements of AS4054-1992: Yes

Staining scale rating 1 = Severe Staining and 5 = No Staining. 'Pass' is when staining scale rating >4

Tested By	Anish Cyriac	Checked By	David Goddard
Sign		Sign	
Position	Product Development Chemist	Position	Group Technical Manager
Date	02/08/2019	Date	02/08/2019

* Test samples were prepared in accordance to AS 4054.1992: Scourable branding substance for greasy wool

** Tests were in accordance with In-house methods based on the references indicated (AS 4054 -1992).

*** Wool exposure were conducted at NZWTA as per AS 2001.4 B02-2001 – Colour Fastness to artificial light; Xenon arc fading lamp test (ISO 105 B02:1994 MOD)

This report shall not be reproduced except in full without approval of the signatory



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation