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PRODUCT INFORMATION SHEET

ARLON® Product Number 55580R028

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.0025" polyethylene
Side 1: Uncured Silicone Rubber
Substrate: Style 162 Fiberglass



Rubber Add-On Thickness

Side 1:
Overall Thickness:

Value

0.012"
 0.028"

Method

Arlon SQA-TMS-003
 Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Silicone Properties

Tensile Strength psi
Elongation %
Tear Strength (Die B) ppiw
Durometer Shore A Points

Value

950
 620
 150
 37

Method

Arlon SQA-TMS-008
 Arlon SQA-TMS-008
 Arlon SQA-TMS-029
 Arlon SQA-TMS-014

Specific Gravity

1.34

Arlon SQA-TMS-024

Substrate Properties

Thickness
Color

Value

0.016"
 Red

Method

Arlon SQA-TMS-003
 N/A

Product Properties

Dielectric Strength volts/mil
Bond Strength (S1 to S1) lb/in
Total Product Weight oz/yd²

Value

438
 13.3
 31.6

Method

Arlon SQA-TMS-020
 Arlon SQA-TMS-011
 Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life

6 months from date of manufacture @ 70°F

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

Recommended Cure Cycle

15 minutes @ 350°F and 50 PSI

Recommended Post Cure Cycle

400°F for 2 hours

Product Operating Temperature

-70°F to 428°F

UL INFORMATION

UL Recognition :

UL 94 HB at 200°C per card E54153

The data presented in this document represent typical values for the production material.

Typical values should not be used for specification limits.

Please verify that any printed hard copy of this datasheet is current by referencing: www.rogerscorp.com/arlon

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