



Elastomeric Material Solutions Division
 1100 Governor Lea Road, Bear, DE 19701
 (302) 834-2100 (302) 834-4021 (Fax)
www.rogerscorp.com/arlon

PRODUCT INFORMATION SHEET	
ARLON® Product Number	CP-410R

PRODUCT DESCRIPTION			
Design / Construction			
Bulk Compound			
Product Color :	Red		
TYPICAL PROPERTIES			
Silicone Properties		Value	Method
Tensile Strength	psi	1200	Arlon SQA-TMS-008
Elongation	%	645	Arlon SQA-TMS-008
Tear Strength (Die B)	ppiw	90	Arlon SQA-TMS-029
Durometer	Shore A Points	42	Arlon SQA-TMS-014
Coefficient of thermal expansion	°C⁻¹	266x10 ⁻⁶	ASTM E 831
Specific Gravity	---	1.23	Arlon SQA-TMS-024
SHELF LIFE AND PROCESSING RECOMMENDATIONS			
Product Shelf Life	6 months from DOM @ 70°F		
<i>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.</i>			
Recommended Cure Cycle:	15 minutes, 250°F, 50 psi		
Recommended Post-cure Cycle	400°F for 2 hours		
Product Operating Temperature	-70°F to +428°F		

The data presented in this document represents 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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