

TYPICAL PROPERTIES OF SCE42NEO

POLYMER: NEOPRENE BASED

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056	PSI	5 - 9	34.4 - 62	ASTM D1056-07	2C2
			kPa		ASTM D1056 SUFFIX'S	B2,C2,F1,M,P
DENSITY	ASTM D1056	PCF	7 - 11	.112 - .176	ASTM D6576-07	TYPE II A,B MEDIUM
			G/CM ³		GMW 15473	CLASS I TYPE IV
COMPRESSION SET (MAX)	ASTM D1056	%	25	WSK-M2D419-A	TYPE 3	
WATER ABSORPTION (MAX)	ASTM D1056	%	5	TSM 1501G	2C2	
TENSILE STRENGTH (TYPICAL)	ASTM D412 DIE A	PSI	90	Contact customer service for exceptions.		
ELONGATION (TYPICAL)	ASTM D412 DIE A	%	630	FLAMMABILITY SPECIFICATIONS		
			150			
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C	LB/IN	14	FMVSS-302	PASS (=/>.098" THICK)	
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	2.5			
			±30	ADDITIONAL INFORMATION		
RESILIENCE (TYPICAL)	ASTM D2632	%	10	SERVICE TEMPERATURE	-40 TO +150 °F	
COLOR	N/A	N/A	BLACK	HIGH INTERMITTENT TEMP	+200 °F	
				THERMAL CONDUCTIVITY	.38 BTU-IN/HR-FT ² -°F	

This information is furnished as a guide for selecting materials. Manufacturer disclaims liability for results or use of this information.
It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

Distributed By:

Advanced Gasket & Supply, Inc.

3336 Stuart Drive Fort Worth, TX 76110

Phone: 817.927.0500 Fax: 817.927.0554

www.advancedgasket.com

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