

TYPICAL PROPERTIES OF SCE45B

POLYMER: NEOPRENE/EPDM/SBR

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056		PSI kPa	17 - 25 117.2 - 172.3	ASTM D1056-67	SCE45
DENSITY	ASTM D1056		PCF G/CM ³	10 - 14 .160 - .224	ASTM D1056-78	RE45
COMPRESSION SET (MAX)	ASTM D1056		%	25	ASTM D1056-07	2A5
WATER ABSORPTION (MAX)	ASTM D1056		%	5	ASTM D1056 SUFFIX'S	A1, B2,C1,F1,M
TENSILE STRENGTH (TYPICAL)	ASTM D412 DIE A		PSI kPa	150 1050	ASTM D6576-07	TYPE II A,B FIRM
ELONGATION (TYPICAL)	ASTM D412 DIE A		%	125	MIL-R-6130C	II-A FIRM
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C		LB/IN kN/m	35 6.1	MIL-C-3133C MIL STD 670 B	SCE20
CD CHANGE AFTER OVEN AGING	ASTM D1056		%	±30	FLAMMABILITY SPECIFICATIONS	
RESILIENCE (TYPICAL)	ASTM D2632		%	15	UL94-HF1	LISTED ¹
COLOR	N/A		N/A	BLACK	FMVSS-302	PASS (>=/>.068" THICK)
					¹ Contact customer service for thickness data	
					ADDITIONAL INFORMATION	
					SERVICE TEMPERATURE	-40 TO +150 °F
					HIGH INTERMITTENT TEMP	+200 °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.

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