

The O-Ring Store LLC



We make getting o-rings easy!

NEOPRENE/EPDM MEDIUM DENSITY SPONGE CORD DATA SHEET FOR COMPOUND CC

Compound Features:

- Excellent compressibility
- Excellent aging properties.
- Good resistance to UV light, ozone and oxidation.
- Excellent compression set resistance.
- Good wear resistance.

Compound Limitations:

- Easily extrudes under pressure.
- Poor resistance to alkalis.
- Poor resistance to acids.

Temperature Range:

-40°F to +250°F (-40°C to +121°C)

Compound Specification:

D1056 / SAE-J-18 GRADE SCE 43

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MATERIAL PROPERTIES					
Properties	ASTM Designation	Test Method	Unit of Measure	Specification	CC Compound Property
Compression Deflection	-	-	PSI @ 25% Deflection (kN/ M ²)	9-13 (63-91)	12 (83)
Weight Change		7 Days @Room Temp Ref. Fuel B	% Maximum	250	227
Deflection Change		Oven Aged 7 Days @ 70°C	% Deflection	±30	+10
Water Absorption		-	% Maximum Weight	5	3.7
Density		-	Cubic Feet	10-14	13
Ozone Resistance		-	Quality Retention	Excellent	Pass
Durometer		-	Shore 00	55-65	61

Information within is believed to be accurate and reliable. However, The O-Ring Store, LLC makes no warranty, expressed or implied, that parts supplied in this material will perform satisfactorily in specific applications. It's the customer's responsibility to evaluate the material prior to use.

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