



Cellular Materials Shaping The Future

## Xcellite<sup>®</sup> XCR3 Typical Data Sheet

Engineered Foam Description      Medium cellular rubber  
 Polymer                                      CR/PVC/NBR (Chloroprene/Polyvinyl Chloride/Acrylonitrile Butadiene)  
 Standard Color                              Black (Please call for optional colors)

ASTM D1056 Classification              2C2/2C3 (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	192 - 288	kg/m <sup>3</sup>	ASTM D1056
	12 - 18	lbs/ft <sup>3</sup>	
Compression Deflection,25%	55 - 90	kPa	ASTM D1056-07
	8 - 13	psi	
Compression Set, 50% RT	25	%	ASTM D1056
Tensile	690	kPa	ASTM D1056
	100	psi	
Elongation	150	%	ASTM D1056
Water Absorption	5 max.	%	ASTM D1056
Flammability, burn rate	0 - SE	mm/min.	FMVSS 302
	0 - SE	in./min.	
Temperature Use: Hot <sup>1</sup>	93 / 200	°C / °F	
: Cold	-40 / -40	°C / °F	ASTM D1056
Gauge <sup>2,3</sup> skin two sides	9.5 and up	mm	ASTM D1056
	0.375 and up	in.	

**NOTE:**

- 1 - For intermittent exposure only
- 2 - **Please contact customer service 574.284.1000 for additional sizes including widths, skin one side and no skin surfaces.**
- 3 - RMA Class 3 surfaces

**SAE J18 2C2/2C3**

*For details or information on additional standards please contact customer service.*

*The technical service information presented on this Typical Data Sheet has been derived from data using standardized test methods/practices. Fostek Corp. does not control the end use/modification of its products and therefore does not represent or warrant its products to be suitable for any specific end use. Fostek recommends that its material be tested for fitness of use and safety in the manner in which it may be utilized.*