



Worldwide Foam
A Jacobs & Thompson Company

Monarch 5055

EPDM/SBR Blend

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

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Item	Specs		Test Method
Grade	2A5		
Density (PCF) (kg/m ³)	10 – 14 PCF 160 – 224 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	17 - 25 psi 117 - 172 kPa		ASTM D 1056
Shore Hardness OO (Durometer)	65 - 75		ASTM D 2240
Compression Set (%)	≤ 25		ASTM D 1056
Tensile Strength (psi)(kPa)	150 psi 1034 kPa		ASTM D412 Die A
Elongation (%)	125		ASTM D412 Die A
Tear Strength Resistance (ppi) (lb/in)	35		ASTM D624 (Die C)
Water Absorption by Weight (%)	5 max		ASTM D 1056
Accelerated Age Testing: 7 days / 158°F Change in CFD %	± 30% Max		ASTM D 1056
Service Temperature (°F)(°C)	°F	°C	
Low	-40	-40	
High Continuous	200	93	
High intermittent	250	121	
Flame Resistance	Pass Pass		FMVSS 302 UL94 HF-1
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	MS Z-75 J18 2A5 ASTM D1056-14 2A5 SAE J18 APR2002 2A5 GMW15473 Class I Type IV GMW17408 Class I Type V ESB M9 P1-A WSKM2D419-A Type 6 TSM 1501 G 2A5		

The data on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.