

### Technical Data Sheet

#### Foam | Micro-cell Urethane | 6203

Our 6203 foam is a black micro-cellular urethane material with a density rating of 20 PCF / 320 kg/m<sup>3</sup>. This material has good UV, Ozone, Corrosion, Fogging, and Bacteria resistance, exceptional recover capabilities and provides optimal compression set performance.

Item	Specs		Test Method
Grade			
Density (PCF) (kg/m <sup>3</sup> )	18 – 22 PCF 288 – 352 kg/m <sup>3</sup>		ASTM D 3574-Test A
Compression Deflection (CFD) @25% (psi) (kPa)	3 - 8 psi kPa		
Shore Hardness O (Durometer) A	8 5		ASTM D 2240
Compression Set (%)	2 10 5		ASTM D1667-Test D @ 73°F ASTM D3574-Test D @ 158°F ASTM D3574-Test J/Test D after autoclaved 5 hrs @ 250°F
Tensile Strength (psi)(kPa)	30 psi min kPa min		ASTM D 3574 – Test E
Elongation (%)	100 min		ASTM D 3574 – Test E
Tear Strength Resistance (ppi)	3 min		
Water Absorption by Weight - High humidity exposure, wt. % - Immersion testing, wt. %	2 9		AMS 3568-95 ASTM D 570-95
Accelerated Age Testing:			
Service Temperature (°F)(°C)	°F	°C	MIL-P-12420D @ -40°F (Pass)
Low	-40	-40	ASTM D 746
High Continuous	194	90	SAE J-2236
High intermittent	250	121	ASTM D 746
Flame Resistance	Pass Pass		FMVSS 302 UL 94HBF
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	MS-AY549 Type 7 WSS-M2D496-A2 DELPHI MS00-7462 Type III FMVSS302 UL 94HBF		

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