

### Technical Data Sheet

#### Foam | Micro-cell Urethane | 6205

Our 6205 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)	13 - 23 psi 89 – 158 kPa		
Shore Hardness O (Durometer) A	O = 24 A = 18		ASTM D 2240
Compression Set (%)	5 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)	120 psi min 827 kPa min		ASTM D 3574 – Test E
Elongation (%)	100 min		ASTM D 3574 – Test E
Tear Strength Resistance (ppi)	10 min		ASTM D624- Die C
Water Absorption by Weight - High humidity exposure, wt. % - Immersion testing, wt. %	2 8		AMS 3568 ASTM D 570
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-AY549-4 WSS-M2D496-A7 GM 6098M Type II DELPHI MS00-7462 Type II FMVSS302 UL 94HBF		

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