

Technical Data Sheet

Foam | Neoprene / EPDM / SBR Blend | 1240

Our 1240 neoprene blend is a RE42/2A2 grade, black closed-cell foam used in various applications. The density is 4.0 -8.0 PCF / 64 - 128 kg/m³ with a service temperature range of - 40 °F to 200 °F (high continuous use) or 250°F (high intermittent use). It has an Ozone Resistance Rating of “O” and Thermal Conductivity of 0.30 K Factor.

Item	Specs		Test Method
Grade	RE42/2A2		
Density (PCF) (kg/m ³)	4 – 8 PCF 64 - 128 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	5 – 9 psi 34.4 – 62 kPa		ASTM D1056
Shore Hardness OO (Durometer)	45 – 55		ASTM D 2240
Compression Set %	≤ 35		ASTM D1056
Tensile Strength (psi)(kPa)	100 psi 689 kPa		ASTM D412 Die A
Elongation (%)	125		ASTM D412 Die A
Tear Strength Resistance (ppi)	9.6		ASTM D 624 Die C
Water Absorption by Weight %	< 10		ASTM D 1056
Accelerated Age Testing: 7 Days @ 158 °F Chang in CD	± 30% max		ASTM D1056
Service Temperature (°F)(°C)	°F	°C	ASTM D 746
Low	-40	-40	
High Continuous	200	93	
High intermittent	250	121	
Flame Resistance	Pass		FMVSS-302 /UL 94HF-1
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	MS-Z-75 J18 2A2 GMW17408 Class I Type IV GMW15473 Class I Type IV WSK-M2D-419 Type 3 EBS M9 P1-A SAE J-18 APR2002 2A2 ASTM D1056-14 2A2 Toyota TSM 1501G 2A2		

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