

Technical Data Sheet

Foam | Natural Rubber | 1040

Our 1040 natural sponge rubber material is a black open cell product with a thin tissue carrier. It is manufactured with a textured finish on both sides. This material is considered a top grade sponge product in the soft to medium density of 20.5 PCF / 328kg/m³. 1040 has high elasticity and good stability in cold conditions.

Item	Specs		Test Method
Grade			
Density (PCF) (kg/m ³)	16.2 – 24.8 PCF 259 – 397 kg/m ³		ASTM D 1056
Compression Deflection (CFD) @25% (psi) (kPa)	2 – 5 psi 13.7 – 34.4 kPa		ASTM D 1056
Shore Hardness OO (Durometer)			
Compression Set (%) 22 hrs - @ 158°F, 50% deflection	15% max.		ASTM D 1056
Tensile Strength (psi)(kPa)	100 psi min 689 kPa min		ASTM D 1056
Elongation (%)	250 min		ASTM D 1056
Tear Strength Resistance (ppi)			
Water Absorption by Weight			
Accelerated Age Testing: 7 days @ 158°F -% Recovery, 22 hrs @ 70°F -% Change in CFD - Lineal shrinkage	95% min ±20% 2% max		ASTM D 1056
Service Temperature (°F)(°C)	°F	°C	ASTM D 1056
Low	-20	-28	
High Continuous	160	71	
High intermittent	180	82	
Flame Resistance			
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	ASTM D 1056		

REV. 002
 REV. DATE: 09/30/18
 ISO 9001:2015 • ISO/IEC 17025:2017

Jacobs & Thompson cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of the information or the safety and suitability of our products, either alone or in combination with other products. Unless otherwise agreed in writing, we sell the products without warranty and users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purpose.

Head Office: 89 Kenhar Drive,
 Ontario M9L 2R3
 Tel: (416) 749-0600
 info@foamparts.com
 FoamParts.com