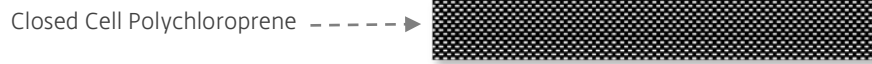


Technical Data Sheet: Z-CR-4050B

CR-Polychloroprene Rubber Foam-4050B



Z-CR-4050B is a closed-cell polychloroprene rubber foam that is a high performance multipurpose rubber foam that are flexible, and durable form-fitting sponge rubber that provides good thermal and moisture insulation.



Characteristics

- Light weight and good durability
- Excellent for insulation (spacer)
- Have multiple elasticities and can be used as buffer materials (shockproof pad)
- High resistant to oil, wax, and grease, and can withstand temperatures from -40 to 120°C
- It is also resistant to ozone, weathering, and water immersion

Applications

- Suitable to be used in the automotive manufacturing as buffer, seal and waterproof seal
- Also in all electrical tools, home appliances, medical instruments and industrial such as vacuum packaging machine

Properties

Properties	Z-CR-4050B	Standard
Colour	Black	-
Density (kg/m ³)	280 ± 50	ASTM D1622
Tensile Strength (Mpa)	1.25 ± 0.2	ASTM D412 (Die A)
Hardness (shore c)	45 ± 5	ASTM D2240
Elongation at Break (%)	149.6 ± 30	ASTM D412 (Die A)
Tear Strength (KN/m)	4.5 ± 0.5	ASTM D624
Water absorption (%)	≤ 5	ASTM D1056
Compression Force at 25% Deflection (kPa)	> 60	ASTM D1056
High Temperature (100 ~ 120°C/72hrs)	There was no abnormality in the appearance of the sample	-
Low Temperature (-40°C/72hrs)	There was no abnormality in the appearance of the sample	-
Flammability	UL94-V0	UL

Remark: Technical Data Sheet reflect the average performance of products based on data from controlled standard testing environments and engineering experience but are not guaranteed. User should independently determine the suitability of this material for their specific purpose, assume all risk and liability associated with such use.