宇航橡胶 YuHang Rubber RUBBER

南京宇航橡胶有限公司

NANJING YUHANG RUBBER CO.LTD

Manufacturers · Designers · Distributors

FDA Silicone Sponge Sheeting Material Datasheet

Product Code: RC02101-FDA

Product Description

This product features a mostly closed cell structure and a smoother outer wall. Our FDA silicone sponge material is in compliance with the American Food and Drugs Administration (FDA) 21 CFR 177-2600. It is as well compliant to German BfR Recommendation XV on silicone Food Contact andtherefore EU1935/2004 compliant.

Technical Specification

Properties	Test Method	Values
Grade	-	P20
Compound	-	VMQ
Density	BS EN ISO 845	420 kg/m³
Hardness (Shore OO)	ASTM D2240	60° ±5°
Tensile Strength	BS EN ISO 1798	0.9 MPa
Elongation at Break	BS EN ISO 1798	590%
Compression Set (50%, 22hrs @ 70°C)	BS EN ISO 1856	3.5%
Compression Set (50%, 22hrs @ 100°C)	ASTM D1056	4.0%
Compression Stress (40% strain)	BSENISO 3386 Part 1,2	90 kPa
Compression Stress (25% strain)	ASTM D1056	55 kPa
Minimum Temperature	-	-60°C
Maximum Temperature	-	+230°C
Brittle Point	ASTM D746	-80°C
Limiting Oxygen Index	BS 2782 Part 1	24.0 %
Thermal Conductivity	BS 874 Part 2	6.4x10-2 W.m-1 .K-1
Radiation Resistance	-	>10^5 Grays (10^7 Rads) typical

Accreditations

- **American Food and Drugs Administration (FDA) 21 OFR 177-2600**
- **Directive EC 1935/2004**

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

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