

XIAMETER[®] RBC-7500-xx Compounds

Silicone rubber compounds for general purpose molding

FEATURES

- Formulated to meet BfR, XV, and FDA 21 CFR 177.2600
- Available in hardness ranging from 40 to 70 Shore A
- Color options available

COMPOSITION

- Peroxide-cured compounded high consistency rubber (HCR)

APPLICATIONS

- General purpose molding
- Food contact applications

PRODUCT OPTIONS

Preforms

- XIAMETER[®] RBC-7500-xx Compounds are available in log or sheet format. Other preforms may be available.

Colors

- Translucent
- White
- Black
- Red
- Blue
- Other colors may be available

HOW TO USE

XIAMETER RBC-7500-xx

Compounds are supplied ready to use and fully formulated. Cure and processing conditions should be verified by the fabricator and will depend on the processing equipment used.

XIAMETER RBC-7500-xx

Compounds are suitable for food contact applications.

PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEB SITE AT WWW.XIAMETER.COM.

USABLE LIFE AND STORAGE

When stored at or below 38°C in the original unopened containers, this product has a usable life of 6 months from the date of production.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our Web site, www.xiameter.com, or consult your local XIAMETER representative.

TYPICAL PROPERTIES¹

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER[®] sales representative prior to writing specifications on this product.

Test	Method	Unit	XIAMETER [®] RBC-7500-40 Compound	XIAMETER [®] RBC-7500-50 Compound	XIAMETER [®] RBC-7500-60 Compound	XIAMETER [®] RBC-7500-70 Compound
Durometer, Shore A	D2240		40	50	59	68
Specific Gravity	D792		1.11	1.13	1.15	1.20
Tensile	D412 Die C	MPa (psi)	8.5 (1240)	9.2 (1332)	9.7 (1401)	8.5 (1227)
Elongation	D412 Die C	%	768	600	480	304
Modulus at 100% Elongation	D412 Die C	MPa (psi)	0.7 (107)	1.1 (154)	1.6 (231)	2.6 (384)
Tear B	D624 Die B	kN/m (ppi)	14.9 (85)	16.8 (96)	17.7 (101)	17.7 (101)

¹Properties obtained on 2-mm thick test slab, press cured for 10 minutes at 177°C (351°F).

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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