Technical Data Sheet

XIAMETER™ RBC-7530-xx Compounds

Silicone rubber compounds for no post cure molding

Features & Benefits

- No post cure
- Low compression set
- Color options available
- Available in hardness ranging from 40 to 80 Shore A

Composition

- Peroxide-cured compounded high consistency rubber (HCR)

Applications

- No post cure molding

Product Options

Preforms

- XIAMETER™ RBC-7530-xx Compounds are available in log or sheet format. Other preforms may be available.

Colors

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

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test	Property	Unit	XIAMETER™ RBC-7530-40 Compound	XIAMETER™ RBC-7530-50 Compound	XIAMETER™ RBC-7530-60 Compound	XIAMETER™ RBC-7530-70 Compound	XIAMETER™ RBC-7530-80 Compound
D2240	Durometer,Shore A		40	51	59	68	79
D792	Specific Gravity		1.09	1.16	1.23	1.29	1.40
D412 Die C	Tensile	MPa (psi)	7.1 (1027)	6.8 (990)	6.7 (969)	7.3 (1062)	7.8 (1128)
D412 Die C	Elongation	%	585	408	291	214	117
D412 Die C	Modulus at100% Elongation	MPa (psi)	0.8 (123)	1.4 (207)	2.1 (307)	3.6 (518)	6.7 (966)
D624 Die B	Tear B	kN/m (ppi)	9.1 (52)	11.2 (64)	11.4 (65)	12.5 (71)	10.9 (62)
D395	Compression Set: 22hr at 77°C (351°F)	%	12	11			13

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

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XIAMETER™ RBC-7530-xx Compounds
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How To Use

XIAMETER RBC-7530-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.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

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 has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

http://www.xiameter.com

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