

Multibase SILASTIC® C7-4565 CADOX BSD Dow-Corning Biomedical Grade ETR Elastomer

Category : Polymer , Thermoset , Silicone

Material Notes:

Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-SILASTIC-C7-4565-CADOX-BSD-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	46	46	post cured- 4 hours at 204°C
	61	61	as molded
	66	66	post cured- 2 hours at 177°C
Tensile Strength, Ultimate	7.93 MPa	1150 psi	post cured- 4 hours at 204°C
	7.943 MPa	1152 psi	post cured- 2 hours at 177°C
	8.219 MPa	1192 psi	as molded
Tensile Strength, Yield	3.52 MPa	511 psi	at 200%, as molded
	4.41 MPa	640 psi	at 200%, post cured- 2 hours at 177°C
	4.65 MPa	675 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	411 %	411 %	post cured- 4 hours at 204°C
	448 %	448 %	post cured- 2 hours at 177°C
	547 %	547 %	as molded
Tear Strength	28.6 kN/m	163 pli	post cured- 2 hours at 177°C; Die B
	30.7 kN/m	175 pli	post cured- 4 hours at 204°C; Die B
	40.0 kN/m	228 pli	as molded; Die B

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