

Multibase SILASTIC® C7-4565 VAROX 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-VAROX-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	as molded
	72	72	post cured- 2 hours at 177°C
	75	75	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	7.136 MPa	1035 psi	post cured- 4 hours at 204°C
	7.667 MPa	1112 psi	as molded
	7.79 MPa	1130 psi	post cured- 2 hours at 177°C
Tensile Strength, Yield	3.45 MPa	500 psi	at 200%, as molded
	3.52 MPa	510 psi	at 200%, post cured- 2 hours at 177°C
	3.73 MPa	541 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	552 %	552 %	post cured- 4 hours at 204°C
	672 %	672 %	post cured- 2 hours at 177°C
	772 %	772 %	as molded
Tear Strength	40.8 kN/m	233 pli	post cured- 4 hours at 204°C; Die B
	41.7 kN/m	238 pli	post cured- 2 hours at 177°C; Die B
	43.1 kN/m	246 pli	as molded; Die B

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