

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	as molded
	69	69	post cured- 2 hours at 177°C
	75	75	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	7.963 MPa	1155 psi	post cured- 4 hours at 204°C
	8.27 MPa	1200 psi	post cured- 2 hours at 177°C
	8.34 MPa	1210 psi	as molded
Tensile Strength, Yield	3.41 MPa	495 psi	at 200%, as molded
	3.93 MPa	570 psi	at 200%, post cured- 2 hours at 177°C
	4.31 MPa	625 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	462 %	462 %	post cured- 4 hours at 204°C
	533 %	533 %	post cured- 2 hours at 177°C
	607 %	607 %	as molded
Tear Strength	32.1 kN/m	183 pli	post cured- 2 hours at 177°C; Die B
	32.4 kN/m	185 pli	post cured- 4 hours at 204°C; Die B
	38.7 kN/m	221 pli	as molded; Die B

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