

Multibase SILASTIC® C7-4550 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-C7-4550-TBPB-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	48	48	as molded
	50	50	post cured- 2 hours at 177°C
	54	54	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	10.3 MPa	1490 psi	post cured- 4 hours at 204°C
	10.62 MPa	1541 psi	as molded
	10.8 MPa	1560 psi	post cured- 2 hours at 177°C
Tensile Strength, Yield	2.86 MPa	415 psi	at 200%, as molded
	3.07 MPa	445 psi	at 200%, post cured- 2 hours at 177°C
	3.38 MPa	490 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	514 %	514 %	post cured- 4 hours at 204°C
	559 %	559 %	post cured- 2 hours at 177°C
	596 %	596 %	as molded
Tear Strength	27.0 kN/m	154 pli	post cured- 2 hours at 177°C; Die B
	28.4 kN/m	162 pli	post cured- 4 hours at 204°C; Die B
	28.9 kN/m	165 pli	as molded; Die B

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