

Multibase SILASTIC® C7-4550 CADOX TS-50S Dow-Corning Biomedical Grade ETR Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Silicone, Thermoplastic

Material Notes:

Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-SILASTIC-C7-4550-CADOX-TS-50S-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	51	51	as molded
	51	51	post cured- 2 hours at 177°C
	51	51	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	6.83 MPa	990 psi	post cured- 4 hours at 204°C
	9.404 MPa	1364 psi	post cured- 2 hours at 177°C
	10.1 MPa	1460 psi	as molded
Tensile Strength, Yield	2.03 MPa	295 psi	200%, post cured- 4 hours at 204°C
	2.28 MPa	330 psi	at 200%, as molded
	2.50 MPa	362 psi	at 200%, post cured- 2 hours at 177°C
Elongation at Break	526 %	526 %	post cured- 4 hours at 204°C
	596 %	596 %	post cured- 2 hours at 177°C
	655 %	655 %	as molded
Tear Strength	30.3 kN/m	173 pli	as molded; Die B
	32.4 kN/m	185 pli	post cured- 4 hours at 204°C; Die B
	35.9 kN/m	205 pli	post cured- 2 hours at 177°C; Die B

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