

Multibase SILASTIC® C7-4535 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-C7-4535-CADOX-TS-50S-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	29	29	as molded
	32	32	post cured- 2 hours at 177°C
	35	35	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	5.14 MPa	745 psi	post cured- 4 hours at 204°C
	8.20 MPa	1190 psi	post cured- 2 hours at 177°C
	8.363 MPa	1213 psi	as molded
Tensile Strength, Yield	0.931 MPa	135 psi	at 200%, as molded
	0.965 MPa	140 psi	at 200%, post cured- 2 hours at 177°C
	1.28 MPa	185 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	656 %	656 %	post cured- 4 hours at 204°C
	971 %	971 %	post cured- 2 hours at 177°C
	1015 %	1015 %	as molded
Tear Strength	22.4 kN/m	128 pli	as molded; Die B
	24.5 kN/m	140 pli	post cured- 2 hours at 177°C; Die B
	28.7 kN/m	164 pli	post cured- 4 hours at 204°C; Die B

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