

Multibase SILASTIC® C7-4535 CADOX BSD 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-BSD-Dow-Corning-Biomedical-Grade-ETR-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	34	34	as molded
	38	38	post cured- 2 hours at 177°C
	41	41	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	6.27 MPa	910 psi	post cured- 4 hours at 204°C
	8.48 MPa	1230 psi	post cured- 2 hours at 177°C
	8.96 MPa	1300 psi	as molded
Tensile Strength, Yield	1.31 MPa	190 psi	at 200%, as molded
	1.45 MPa	210 psi	at 200%, post cured- 2 hours at 177°C
	1.63 MPa	237 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	643 %	643 %	post cured- 4 hours at 204°C
	768 %	768 %	as molded
	808 %	808 %	post cured- 2 hours at 177°C
Tear Strength	18.9 kN/m	108 pli	as molded; Die B
	21.4 kN/m	122 pli	post cured- 2 hours at 177°C; Die B
	23.3 kN/m	133 pli	post cured- 4 hours at 204°C; Die B

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