

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	as molded
	37	37	post cured- 2 hours at 177°C
	40	40	post cured- 4 hours at 204°C
Tensile Strength, Ultimate	7.412 MPa	1075 psi	post cured- 4 hours at 204°C
	8.115 MPa	1177 psi	as molded
	10.12 MPa	1468 psi	post cured- 2 hours at 177°C
Tensile Strength, Yield	1.45 MPa	210 psi	at 200%, as molded
	1.48 MPa	215 psi	at 200%, post cured- 2 hours at 177°C
	1.59 MPa	230 psi	200%, post cured- 4 hours at 204°C
Elongation at Break	758 %	758 %	post cured- 4 hours at 204°C
	912 %	912 %	as molded
	1041 %	1041 %	post cured- 2 hours at 177°C
Tear Strength	26.8 kN/m	153 pli	as molded; Die B
	27.3 kN/m	156 pli	post cured- 2 hours at 177°C; Die B
	31.4 kN/m	179 pli	post cured- 4 hours at 204°C; Die B

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