

Multibase C6-350 LH Parts A and B Dow-Corning Class VI Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-C6-350-LH-Parts-A-and-B-Dow-Corning-Class-VI-Elastomer.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	Relative; ASTM D792V

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	49	49	no post cure; ASTM D2240
	56	56	post cured- 2 hours at 177 ^o C; ASTM D2240
	56	56	post cured- 4 hours at 177 ^o C; ASTM D2240
	57	57	post cured- 8 hours at 177 ^o C; ASTM D2240
Tensile Strength, Ultimate	7.79 MPa	1130 psi	post cured- 8 hours at 177 ^o C; ASTM D412
	7.963 MPa	1155 psi	post cured- 2 hours at 177 ^o C; ASTM D412
	8.081 MPa	1172 psi	post cured- 4 hours at 177 ^o C; ASTM D412
	8.536 MPa	1238 psi	no post cure; ASTM D412
Tensile Strength, Yield	2.21 MPa	321 psi	at 200%, no post cure; ASTM D412
	3.39 MPa	491 psi	200%, post cured- 4 hours at 177 ^o C; ASTM D412
	3.49 MPa	506 psi	at 200%, post cured- 2 hours at 177 ^o C; ASTM D412
	3.61 MPa	524 psi	200%, post cured- 8 hours at 177 ^o C; ASTM D412
Elongation at Break	473 %	473 %	post cured- 8 hours at 177 ^o C; ASTM D412
	510 %	510 %	post cured- 4 hours at 177 ^o C; ASTM D412
	511 %	511 %	post cured- 2 hours at 177 ^o C; ASTM D412
	732 %	732 %	no post cure; ASTM D412

Mechanical Properties	Metric	English	Comments
	42.4 kN/m	242 pli	Die B, post cured- 8 hours at 177Â°C; ASTM D624
	43.3 kN/m	247 pli	Die B, post cured- 2 hours at 177Â°C; ASTM D624
	45.2 kN/m	258 pli	Die B, post cured- 4 hours at 177Â°C; ASTM D624
Compression Set	60 %	60 %	no post cure; ASTM D395

Thermal Properties	Metric	English	Comments
Shrinkage	1.7 %	1.7 %	no post cure

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