

## Multibase C6-235 VAROX DBPH 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-C6-235-VAROX-DBPH-Dow-Corning-Class-VI-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-C6-235-VAROX-DBPH-Dow-Corning-Class-VI-Elastomer.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	38	38	post cured- 8 hours at 177Â°C; ASTM D2240
	42	42	molded- without post cure; ASTM D2240
	43	43	post cured- 2 hours at 177Â°C; ASTM D2240
	44	44	post cured- 4 hours at 177Â°C; ASTM D2240
Tensile Strength, Ultimate	6.89 MPa	1000 psi	molded-without post cure; ASTM D412
	7.58 MPa	1100 psi	post cured- 2 hours at 177Â°C; ASTM D412
	7.58 MPa	1100 psi	post cured- 4 hours at 177Â°C; ASTM D412
	7.58 MPa	1100 psi	post cured- 8 hours at 177Â°C; ASTM D412
Tensile Strength, Yield	1.59 MPa	230 psi	at 200%, molded-without post cure; ASTM D412
	1.65 MPa	240 psi	200%, post cured- 4 hours at 177Â°C; ASTM D412
	1.65 MPa	240 psi	at 200%, post cured- 2 hours at 177Â°C; ASTM D412
	1.93 MPa	280 psi	200%, post cured- 8 hours at 177Â°C; ASTM D412
Elongation at Break	740 %	740 %	post cured- 8 hours at 177Â°C; ASTM D412
	770 %	770 %	molded-without post cure; ASTM D412
	780 %	780 %	post cured- 2 hours at 177Â°C; ASTM D412
	800 %	800 %	post cured- 4 hours at 177Â°C; ASTM D412
Tear Strength	26.3 kN/m	150 pli	Die B,molded-without post cure; ASTM D624

Mechanical Properties	Metric	English	Comments
	28.0 kN/m	160 pli	Die B, post cured- 4 hours at 177Å°C; ASTM D624
	29.8 kN/m	170 pli	Die B, post cured- 8 hours at 177Å°C; ASTM D624
	33.3 kN/m	190 pli	Die B, post cured- 2 hours at 177Å°C; ASTM D624
Compression Set	50 %	50 %	22 hours at 177Å°C, molded-without post cure; ASTM D395
	52 %	52 %	22 hours at 177Å°C, post cured- 2 hours at 177Å°C; ASTM D395
	63 %	63 %	22 hours at 177Å°C, post cured- 4 hours at 177Å°C; ASTM D395
	68 %	68 %	22 hours at 177Å°C, post cured- 8 hours at 177Å°C; ASTM D395

Thermal Properties	Metric	English	Comments
Shrinkage	3.20 %	3.20 %	post cured
	@Temperature 177 Å°C, Time 7200 sec	@Temperature 351 Å°F, Time 2.00 hour	
	3.20 %	3.20 %	
	@Temperature 177 Å°C, Time 14400 sec	@Temperature 351 Å°F, Time 4.00 hour	post cured
	3.60 %	3.60 %	post cured
	@Temperature 177 Å°C, Time 28800 sec	@Temperature 351 Å°F, Time 8.00 hour	

## Contact Songhan Plastic Technology Co.,Ltd.

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