

## Multibase C6-150 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-C6-150-Dow-Corning-Class-VI-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-C6-150-Dow-Corning-Class-VI-Elastomer.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	no post cure; ASTM D2240
	59	59	post cured- 2 hours at 177Â°C; ASTM D2240
	60	60	post cured- 4 hours at 177Â°C; ASTM D2240
	61	61	post cured- 8 hours at 177Â°C; ASTM D2240
Tensile Strength, Ultimate	9.115 MPa	1322 psi	post cured- 4 hours at 177Â°C; ASTM D412
	9.453 MPa	1371 psi	post cured- 2 hours at 177Â°C; ASTM D412
	9.694 MPa	1406 psi	post cured- 8 hours at 177Â°C; ASTM D412
	10.65 MPa	1545 psi	no post cure; ASTM D412
Tensile Strength, Yield	1.94 MPa	282 psi	at 200%, no post cure; ASTM D412
	2.69 MPa	390 psi	at 200%, post cured- 2 hours at 177Â°C; ASTM D412
	2.83 MPa	410 psi	200%, post cured- 4 hours at 177Â°C; ASTM D412
	2.95 MPa	428 psi	200%, post cured- 8 hours at 177Â°C; ASTM D412
Elongation at Break	659 %	659 %	post cured- 8 hours at 177Â°C; ASTM D412
	675 %	675 %	post cured- 4 hours at 177Â°C; ASTM D412
	730 %	730 %	post cured- 2 hours at 177Â°C; ASTM D412
	976 %	976 %	no post cure; ASTM D412
Tear Strength	41.0 kN/m	234 pli	Die B, post cured- 8 hours at 177Â°C; ASTM D624
	42.8 kN/m	244 pli	Die B, no post cure; ASTM D624

Mechanical Properties	Metric	English	Comments
			Die A, post cured- 2 hours at 177Å°C; ASTM D624
	45.8 kN/m	261 pli	Die B, post cured- 4 hours at 177Å°C; ASTM D624

Thermal Properties	Metric	English	Comments
Shrinkage	2.4 %	2.4 %	no post cure
	2.80 %	2.80 %	post cured
	@Temperature 177 Å°C, Time 7200 sec	@Temperature 351 Å°F, Time 2.00 hour	
	3.00 %	3.00 %	post cured
	@Temperature 177 Å°C, Time 14400 sec	@Temperature 351 Å°F, Time 4.00 hour	
	3.10 %	3.10 %	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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