

Multibase C6-165 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-C6-165-Dow-Corning-Class-VI-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	no post cure; ASTM D2240
	74	74	post cured- 2 hours at 177Â°C; ASTM D2240
	75	75	post cured- 4 hours at 177Â°C; ASTM D2240
	77	77	post cured- 8 hours at 177Â°C; ASTM D2240
Tensile Strength, Ultimate	7.012 MPa	1017 psi	post cured- 2 hours at 177Â°C; ASTM D412
	7.274 MPa	1055 psi	post cured- 4 hours at 177Â°C; ASTM D412
	7.329 MPa	1063 psi	post cured- 8 hours at 177Â°C; ASTM D412
	8.053 MPa	1168 psi	no post cure; ASTM D412
Tensile Strength, Yield	2.45 MPa	355 psi	at 200%, no post cure; ASTM D412
	3.36 MPa	487 psi	200%, post cured- 4 hours at 177Â°C; ASTM D412
	3.36 MPa	487 psi	at 200%, post cured- 2 hours at 177Â°C; ASTM D412
	3.77 MPa	547 psi	200%, post cured- 8 hours at 177Â°C; ASTM D412
Elongation at Break	583 %	583 %	post cured- 8 hours at 177Â°C; ASTM D412
	672 %	672 %	post cured- 2 hours at 177Â°C; ASTM D412
	691 %	691 %	post cured- 4 hours at 177Â°C; ASTM D412
	939 %	939 %	no post cure; ASTM D412
Tear Strength	40.3 kN/m	230 pli	Die B, post cured- 4 hours at 177Â°C; ASTM D624
	41.0 kN/m	234 pli	Die B, post cured- 8 hours at 177Â°C; ASTM D624

Mechanical Properties	Metric	English	Comments
	42.2 kN/m	241 pli	Die B, no post cure; ASTM D624
	44.5 kN/m	254 pli	Die B,post cured- 2 hours at 177Â°C; ASTM D624

Thermal Properties	Metric	English	Comments
Shrinkage	2.0 %	2.0 %	no post cure
	2.60 %	2.60 %	post cured
	@Temperature 177 Â°C, Time 7200 sec	@Temperature 351 Â°F, Time 2.00 hour	
	2.60 %	2.60 %	post cured
	@Temperature 177 Â°C, Time 28800 sec	@Temperature 351 Â°F, Time 8.00 hour	
	2.70 %	2.70 %	post cured
	@Temperature 177 Â°C, Time 14400 sec	@Temperature 351 Â°F, Time 4.00 hour	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China