

## Loctite® 603 Oil Tolerant Retaining Compound

Category : Polymer , Adhesive , Thermoset

### Material Notes:

Retainers Loctite Corporation, the pioneer of anaerobic adhesives, has applied this technology to create retaining compounds that increase the shear strength of cylindrical, non-threaded assemblies. Finding wide acceptance as a standard method for assembling press and slip-fitted parts, Loctite® Retaining Compounds fill the "inner space" between components and cure to form a strong precision assembly. Formulated in a selection of viscosities, gap filling ability, flexibility and strength characteristics, Loctite® Retaining Compounds can be applied with automatic process equipment or dispensed manually. Loctite® 603 Oil Tolerant Retaining Compound A retaining compound tolerant of oil and other contamination. Seals and secures cylindrical assemblies up to 0.005" radial clearance. Fixtures in 10 minutes. Prevents fretting and corrosion of metal assemblies. Recommended Primer: 7471 (T). Typical Use: For close fitting parts with light contamination

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loctite-603-Oil-TolerantRetaining-Compound.php](http://www.lookpolymers.com/polymer_Loctite-603-Oil-TolerantRetaining-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	
Viscosity	125 cP	125 cP	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	26.0 MPa	3770 psi	Steel/Steel; Varies with substrates

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	1440 min @Temperature 25.0 °C	24.0 hour @Temperature 77.0 °F	Full Cure; Steel

Descriptive Properties	Value	Comments
Color	Green	
Gap Fill	0.005 in.	Diametral

Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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