

Titanium Putty H.P.

Titanium Putty is a premium state-of-the-art product with a high temperature resistance, high compressive strength & unmatched corrosion resistance to a broad range of chemicals. Non-rusting, machinable deposit allows precision repairs to be completed in a few hours. Titanium Putty gives durable and long lasting repairs.

RECOMMENDED APPLICATIONS

- ▶ Repairing worn pump housings
- ▶ Rebuilding wear rings
- ▶ Repairing butterfly & gate valves
- ▶ Preventing cavitation to condenser water boxes
- ▶ Repairing keyways
- ▶ Repair wornout bearing housing
- ▶ Rebuilding worn shafts
- ▶ Rebuilding pump impellers
- ▶ Rebuilding condenser tube sheets area
- ▶ Repairing hydraulic rams
- ▶ Pipeline leakage repair
- ▶ Base coat before applying ceramic coating



TYPICAL PROPERTIES

Mix ratio, resin:hardener	(By vol)	3.1:1
	(By wt)	4.3:1
Specific volume, cm ³ /kg		424
Viscosity w/hardener, CPS		Putty
Pot life, minutes @ 24°C		21
Operating temperature, maximum °C		177
Cured hardness, Shore D ASTM D 2240		87
Compressive strength, N/mm ² ASTM D 695		130
Flexural strength, N/mm ² ASTM D790		53
Adhesive tensile shear, N/mm ² ASTM D 1002		14
Cure shrinkage, cm ² /cm ASTM D2566		0.0010
Colour		Grey
Coverage, cm ² /kg @ 5mm thickness		849

CHEMICAL RESISTANCE

7 Days Room Temperature Cure, 30 days immersion

Nitric acid, 10%, 50%	Very good, fair
Hydrochloric Acid, 10%,	Excellent
MEK	Poor
Sulphuric Acid, 10%, 50%	Excellent
Methanol	Excellent
Toluene	Excellent
Ammonia	Excellent
Sodium Hydroxide, 10%, 50%	Excellent

ORDERING INFORMATION

Item	Unit Size	Stock No.
Titanium Putty H.P.	500g	10761
	1kg	10765

Other World Leading Products from ITW Chemin

Maintenance, Repair, Overhaul Solutions



Lubricants, Cleaners,
Degreasers



High-performance
Industrial Grease



Loosens • Lubricates • Maintains
Instant Rust Fighter
in Aerosol Can



Contact Cleaner



Marking System, Staining Colours
and Steel Blue Layout Liquids

Automotive Solutions



Precision Chucks and Solutions
Workholding Devices



Eliminate Rust. Improve Profits.
Rust Preventive Chemicals



Aqueous Cleaners



Cut Machining Costs. Power Profits.
Metal Working Fluids



Microlubrication Systems

Automotive After Market Solutions



Complete Automotive Maintenance



Brake & Parts Cleaner

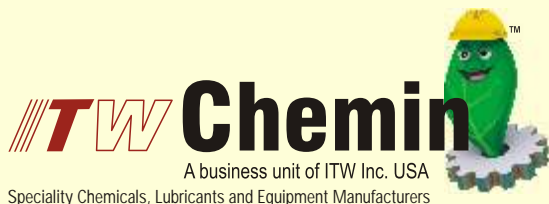


Throttle Body & Air Intake Cleaner

Adhesive & Sealant Solutions



Epoxy Foundation Systems And Repair Compounds



ISO 9001
ISO 14001
DNV OHSAS 18001

ITW India Limited, Plot No. 34 to 37, Phase-2, IDA, APIIC Pashamylaram, Medak Dist. - 502 307(35 km from Hyderabad), A.P. India.
Telephone: +91-8455-224700, 01, 03, 04, 06, 07, 08. Facsimile: +91-8455-224705. Website: www.itwchemin.com