

## Reltek BONDiT™ B-482TH Adhesive and Sealant

Category : Polymer , Adhesive

### Material Notes:

**Key Properties**Excellent balance of chemical, electrical and mechanical properties. Semi-flexible,tough system. Ease of use.

**Applications**Bonds difficult-to-bond substrates and dissimilar materials including most metals, wood, plastics, rubber, urethane and concrete. Survives harsh environments, particularly moisture, harsh chemical, marine and subsea. Exceptional performance as a universal adhesive for industrial applications. Can be applied to oily surfaces. Will cure underwater. Ambient 24 hour or accelerated thermal cure.Information provided by Reltek LLC

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Reltek-BONDiT-B-482TH-Adhesive-and-Sealant.php](http://www.lookpolymers.com/polymer_Reltek-BONDiT-B-482TH-Adhesive-and-Sealant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	A
	1.42 g/cc	1.42 g/cc	B

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.94 MPa	2602 psi	ASTM D638
Tensile Strength, Yield	18.73 MPa	2717 psi	ASTM D638
Elongation at Break	23.9 %	23.9 %	ASTM D638
Elongation at Yield	11.3 %	11.3 %	ASTM D638
Tangent Modulus	369.11 MPa	53535 psi	ASTM D638

Descriptive Properties	Value	Comments
Energy / Volume @ Break (ft-lb/cu. in)	45.38	
Energy to Break (in-lb)	65.51	
Energy to Peak Load (psi)	29.45	
Peak Stress (psi)	2716	
Strain @ peak load (%)	12.9	
TEA (ft-lb/sq in)	5.37	

## Contact Songhan Plastic Technology Co.,Ltd.

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