

THERMALLY CONDUCTIVE PUTTY

series: WTP series



- Highly Conformable and fills irregular gaps and large gap tolerances
- Can be used with automatic dispensing equipment to improve efficiency
- Re-workable, reusable to reduce waste
- Thermal conductivity from 2.0W/mk up to
- Available in Syringes or up to 2kg tins
- Typical applications include - battery pack; optical precision equipment; mobile and comms equipment; computer equipment; medical electronics, automotive electronics.

SPECIFICATION

ITEM	Unit	WTP-A20	WTP-A30	WTP-A35	WTP-A50	WTP-A60	Test Method
Thermal Conductivity	W/mK	2.0	3.0	3.5	5.0	6.0	ASTM D5470
Density	g/cm ³	2.8	3.1	3.3	3.2	3.4	ASTM D792
Flow Rate	g/min	40	30	12	15	15	ASTM D2240
Insulation Strength	KV/mm	≥8.0	≥8.0	≥8.0	≥8.0	≥8.0	ASTM D159
Working Temperature	°C	-40~+200	-40~+200	-40~+200	-50~+150	-50~+150	
Volume Resistivity	Ω.cm	≥1.0x10 ¹¹	≥1.0x10 ¹¹	≥1.0x10 ¹¹	>10 ¹³ x	≥1.0x10 ¹¹	ASTM D257
Flammability	-	V-0	V-0	V-0	V-0	V-0	UL
Colour		Yellow	Grey	Blue	Pink/Grey	Grey	Visual
RoHS	-	PASS	PASS	PASS	PASS	PASS	SGS or Equivalent
REACH	-	PASS	PASS	PASS	PASS	PASS	SGS or Equivalent
Halogen Free	-	PASS	PASS	PASS	PASS	PASS	SGS or Equivalent

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in application for suitability.