

Tecbond 7713

Version: Tecbond 7713-TDS
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General description

Tecbond 7713 is an economy general purpose polyamide with high and low temperature resistance and good chemical resistance, available in amber and black.

Product assembly

Tecbond 7713 exhibits good adhesion to many surfaces and provides a tough rigid bond when set. The open time depends on the amount of adhesive applied but is described as medium (15-30 seconds).

For available pack configuration contact sales support.

Substrates*

- Plastics (not PP or PE)
- Light gauge metal
- Wood

Technical characteristics

Adhesive type: Synthetic polymer based hotmelt

Colour: 12mm Amber, Black (Bulk is only available in amber)

Molten tack: Medium

Bulk Format: Pellets

	12mm / ½"	15mm / ⅝"	43mm / 1¾"	Bulk
Carton QTY	5kg / 11lb	N/A	N/A	10kg / 22lb
Suggested application temperature	160°C-215°C / 320°F-419°F	N/A	N/A	160°C-195°C / 320°F-380°F
Brookfield viscosity @190°C (POW-12-VISC) spindle 27	5000cps	N/A	N/A	5000cps
Ring & ball softening point (ASTM E28)	115°C / 239°F	N/A	N/A	115°C / 239°F
Heat resistance (BS5350 Part H3)	105°C / 221°F	N/A	N/A	105°C / 221°F

<i>Open time</i>	20secs	N/A	N/A	20secs
<i>Brittle point</i>	0°C / 32°F	N/A	N/A	0°C / 32°F

Storage

Store in a clean dry place at temperatures between 5°C / 41°F and 30°C / 86°F with boxes closed. Do not expose to direct sunlight or localised heat sources such as radiators or hot pipes.

Shelf life

Manufacturer guarantees 2-year shelf life after date of manufacture in accordance with suitable storage conditions as mentioned above.

Methods of application

Bead Adhesive Applicator.

Removal of adhesive

Assembled components can be separated by heating assembly to a temperature slightly above the heat resistance figure.

EVA & Polypropylene: Residues of EVA and polypropylene based hotmelts can be removed from components with white spirit.

Polyamide: Residues of polyamide based hotmelt can be removed from components with acetone

Disclaimer

The information contained on this data sheet is for guidance only. It is the result of careful laboratory evaluations by trained and qualified staff using British Standard or similar test methods. However, no warranty is expressed or implied regarding the accuracy of the data or the suitability of the adhesive for any specific purpose. In every case, we strongly recommend that the user shall make their own test to determine to their own satisfaction the suitability of the adhesive for their particular purpose. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential arising out of the use or inability to use the product. Further information is always available to help solve your adhesive problems. Should you require any further information on our adhesives please contact your nearest distributor.

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F.D.A. approved. All the constituent parts of this adhesive have been approved by the American F.D.A. under C.F.R. 21.175.105 (adhesives) (subject to limitations).