



Hot-melt adhesive

Technology

Main characteristics :

- Single-component adhesive from animal protein
- Ready to use on wood surfaces and consistent with green wood's one
- Adhesive performances competitives with fossil based glues

	Modulus (Mpa)	Tensile strenght (Mpa)	Elongation (%)
Hot-melt commercially available glue	63,6	6,1	21
Kitty adhesive	63,8	3,9	13

Combined shear and tension experiments - according to NF T76-107 standard on plywood

This yellow polymere provides promising adhesive properties and it is aimed at the industrial adhesives sector, DIY Stores and at the stationery market.



Benefits

- Oderless
- Adhesive performances competitives with fossil based glues
- Stable at low temperatures (-40 °C)

Applications

- · Compatible with holt-melt guns



Keywords

- Protein based
- Thermoplastic
- polymere
- Low energy-process



Intellectual Property

Patent filed in June 2013.



Development Status

Technology available at laboratory scale.



Partnership

.We are looking for an adhesive producer or a distributor

contact

Franck BARATH

Business Developer

+33 7 77 09 14 27

franck.barath@sattnord.fr

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SATT Nord

25, avenue Charles St Venant – 59800 LILLE – France

+33 3 28 36 04 68 – tech@sattnord.fr