

Powder Datasheet

Product Model: TPP5802

Description: This product is a polyurethane thermoplastic powder hot melt adhesive. Soft feel and certain resilience, excellent processability. Excellent adhesion to fabric, cotton, blended fabric, TPU, PVC.

Application field: TPP5802 is used in clothing, luggage, shoe materials and heat transfer industries.

Physical Characteristics		
Property	Criterion	
Appearance	White powder	
Composition	TPU	
Density ASTM D-792	1.20±0.02 g/cm ³	
Melt Point DSC	95-115°C	
Melt Index ASTM D-1238	30±7 g/10 min	
Hardness	80±3 ShoreA	
Powder size range	0-80 µm	
	80-200 µm	
	150-250 µm	
Resistance to yellowing (level)	2.0-3.0	
Technical Parameters		
Bonding Parameters (reference only)	Temperature	110-130°C
	Press	1.5-2.5 kg/cm ²
	Time	8-15S
Washing Resistance	40°C	Excellent
	60°C	Good
	90°C	/
Packaging and Storage Conditions		
Packaging	1 kg/20 kg in one PE Bag	
Storage Conditions	Stored in dry unopened packaging at room temperature for 12 months. High temperature and pressure will cause agglomeration. The trays cannot be double-pressed.	

The above data is based on the average of INKBANK Lab's multiple experiments with the general issues and recommendations of the product and application. It can not be construed as proof of the warranty for the product characteristics or the suitability of the particular area. Using units should be selected according to their own conditions and selective test. The user shall determine the suitability and fitness of the product for its intended use before using, and to take risks and possible problems in each manufacturing process of test and use. The seller and the manufacturer shall not bear any liability for any direct injury, loss, damage or misuse.

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