

ROWALIT® BIOPOW 5038

Thermoplastic Polyurethane

Type	Biobased Products, TPU
Chemical character	Aliphatisches TPU
Melting range	100 – 125 °C DSC
Vicat softening point	105 – 120 °C (ISO 306)
Melt Flow Index	20 g / 10 Min. (MFI 160°C / 2,16 kg)
Density	1200 kg/m ³
Powder sizes	Pastedot (0 – 63 µm, 0 – 80 µm) Doubledot (80 – 200 µm) Scatter (0 – 500 µm) Granules
Washing resistance	60 °C
Dry cleaning resistance	good
Heat resistance	90 °C
Typical application	Heat Transfer Labels
Steam resistance	yes
Appearance	White powder
Ratio of renewable raw materials	40 %
Biodegradability	no
Fusing conditions with flow-through-press	Lamination temperature: 125 – 145 °C Pneumatic pressure: 2 – 4 N/cm ² Time: 12 – 20 seconds
Properties	<ul style="list-style-type: none"> • free from organic tincompounds, formaldehyde, chlorophenol • complies with Oekotex 100 Class 1, REACH SVHC, Eco Passport available
Application	Heat Transfer Labels

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Die vorstehenden Angaben entsprechen dem derzeitigen Stand unserer Erkenntnisse und Erfahrungen. Wir beraten Sie damit unverbindlich und bitten Sie, alle Angaben über die Verwendung unserer Produkte auf die bei Ihnen vorliegenden Verhältnisse abzustimmen und den verwendeten Materialien anzupassen.

All information provided is based on our experience and current know-how but is given without guarantee and obligation. Recommendations on the application and use of our products should be adapted to the particular conditions and other materials employed.