

ROWALIT N100-3

High-Density-Polyethylene Powder

Type	HDPE
Chemical character	High-Density-Polyethylene
Melting range	130 – 135 °C DSC
Vicat softening point	123 – 128 °C (ISO 306)
Melt Flow Index	4 g / 10 Min. (MFI 190°C / 2,16 kg)
Density	944 kg/m ³
Powder sizes	Pastedot (0 – 80 µm) Doubledot Powderdot Scatter Other sizes upon request
Washing resistance	95 °C
Dry cleaning resistance	very good
Heat resistance	110 °C
Hand iron	no
Steam resistance	yes
Appearance	White powder
Ratio of renewable raw materials	0 %
Biodegradability	no
Fusing conditions with flow-through-press	Lamination temperature: 170 – 180 °C Pneumatic pressure: 15 – 25 N/cm ² Time: 12 – 18 seconds

Version: 10.01.2025

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.