TIBCHEMICALS

PRODONIN® NT Plus

Chemical additive for lowering the temperature of bitumen: highly effective, non-toxic and easily biodegradable

Technical data

parameter	method	unit	target values
Colour		light yellow	light yellow
Mould		liquid	liquid
Viscosity 20°C (dynamic)	Plate/Plate	mPas	ca. 40
Density for 20 °C		g/cm^3	0,895
Acidity	ISO 660	mgKOH/g	195-203
Hazard pictograms			Not applicable
Water hazard class			1
Melting-/freezing point		°C	7-11
Boiling point		°C	286
Flash point	ASTM D92 ; COC	°C	220
Ignition temperature	ICSC 1005	°C	383

Package

- Steel bung barrel Fill weight: 180 kg
- IBC

TIB Chemicals AG | Postfach 810220 | 68202 Mannheim | Deutschland | Telefon +49 621 8901-850 |
| bitumen@tib-chemicals.com I www.tib-chemicals.com

TIBCHEMICALS

PRODONIN® NT Plus

Chemical additive for lowering the temperature of bitumen: highly effective, non-toxic and easily biodegradable

Product Carbon Footprint (PCF)

Created by: KlimAktiv Consulting GmbH

PCF-results (emissions)	Value	Unit
Sum of PCFs (Cradle-to-gate)	0,80	kg CO_2eq/kg
PCF excluding biogenic emissions	0,80	kg CO_2eq/kg
Biogenic emissions	2,64E-03	kg CO_2eq/kg

The Product Carbon Footprint (PCF) covers one of several environmental impacts of chemical products. The PCF does not allow comprehensive conclusions about the overall environmental performance of the product. Comparisons of PCFs from different data sources are only possible to a limited extent. The PCF presented here applies to the product sold by TIB Chemicals.

The PCF is based on data of the accounting year 2024 and follows the calculation method outlined in ISO 14067, the TfS Guideline, the BASF Guideline, the cradle-to-gate system boundaries, the declared unit kg CO2e/kg product (excl. packaging) and the sum of different emissions from Scope 1, 2 and 3 (raw material and preliminary products (e.g. secondary data), transportation of purchased products and inbound logistics, as well as company- and site-specific processes including primary energy consumption, electricity and heat consumption). The emissions from biogenic carbon and land-use changes are considered as far as data sources are available.

TIB Chemicals AG | Postfach 810220 | 68202 Mannheim | Deutschland | Telefon +49 621 8901-850 |
| bitumen@tib-chemicals.com I www.tib-chemicals.com