PA46

# Stanyl® TF 300 Black

DSM(现 Envalior)

Position #120 • Jinsutong Reference Catalog 2026

## Resin Overview

PA46 · 黑色,热稳定. Sourced from public manufacturer technical data sheets.

## This Grade

| | |
|---|---|
| **Manufacturer** | DSM(现 Envalior) |
| **Category** | PA46 · 黑色,热稳定 |
| **Typical Use** | 黑色 PA46,适合高温汽车 |

## Key Properties

| | |
|---|---|
| **密度** | 1.18 g/cm³ |
| **流不体积率** | 25 cm³/10min |
| **熔点(DSC)** | 295 °C |
| **展长涵包强度** | 105 MPa |
| **展长模量** | 3500 MPa |
| **断裂伸长率** | 25% |
| **缺口冲击(23°C)** | 10 kJ/m² |
| **颜色** | Black |
| **热变形温度(1.8 MPa)** | 175 °C |

## Key Features

- 黑色预混 PA46
- 热稳定 150°C
- 高耐磨
- SABIC 品质

## Processing Conditions

| | |
|---|---|
| **流不温度** | 290-320 °C |
| **模具温度** | 80-120 °C |
| **干燥** | 4 h @ 80 °C in desiccant dryer |
| **加工方式** | Injection molding |

## Typical Applications

- 黑色高温汽车
- 齿轮和轴承
- 高温卡扣部件
- 工业发动机舱

## Regulatory & Compliance

- RoHS 合规
- REACH 注册

> ⚠ All data sourced from public manufacturer catalogs.

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