

# Desmopan 2384A GMP

Extrusion grade; does not contain any anti-hydrolysis agent; This product is manufactured under Good Manufacturing Practice (GMP defined in Regulation (EC) No. 2023/2006) and is therefore limited suitability for use with food contact. Please refer our separate certificate at <http://www.tpu.covestro.com/en/Library/Certificates/Food-Contact.aspx>; Beads; Application; Films; Hoses, 非增强

ARES

| 性能 | 测试条件 | 单位 | 标准 | 数值                                                  |
|----|------|----|----|-----------------------------------------------------|
|    |      |    |    | drying annealed -<br>according<br>to specifications |

## 机械性能

|               |              |                 |                         |       |
|---------------|--------------|-----------------|-------------------------|-------|
| C 邵氏硬度 A      | 1s           | -               | DIN ISO 7619-1          | 83    |
| C 最终拉伸强度      | 200 mm/min   | MPa             | DIN 53504               | 44    |
| C 断裂应变        | 200 mm/min   | %               | DIN 53504               | 681   |
| C 10% 应变时的应力  | 200 mm/min   | MPa             | DIN 53504               | 1, 6  |
| C 50% 应变时的应力  | 200 mm/min   | MPa             | DIN 53504               | 4, 3  |
| C 100% 应变时的应力 | 200 mm/min   | MPa             | DIN 53504               | 5, 5  |
| C 300% 应变时的应力 | 200 mm/min   | MPa             | DIN 53504               | 10, 4 |
| C 压缩率         | 24 h; 70 ° C | %               | DIN ISO 815-1, Method A | 24    |
| C 压缩率         | 72 h; 23 ° C | %               | DIN ISO 815-1           | 58    |
| C 耐磨性         |              | mm <sup>3</sup> | ISO 4649 method A       | 39    |
| C 回弹力         |              | %               | ISO 4662                | 46    |
| C 撕裂强度        | 500 mm/min   | kN/m            | ISO 34-1                | 65    |

## 热性质

|          |         |     |                |     |
|----------|---------|-----|----------------|-----|
| C 拉伸储能模量 | -20 ° C | MPa | ISO 6721-1, -4 | 443 |
| C 拉伸储能模量 | 20 ° C  | MPa | ISO 6721-1, -4 | 26  |
| C 拉伸储能模量 | 60 ° C  | MPa | ISO 6721-1, -4 | 15  |

## 建议成型工艺参数说明:

|                      |  |    |   |              |
|----------------------|--|----|---|--------------|
| C 注塑-熔体温度            |  | °C | - | 190<br>- 220 |
| C 注塑-模具温度            |  | °C | - | 20 - 40      |
| C 挤出-熔体温度            |  | °C | - | 190<br>- 210 |
| C Drying Temperature |  | °C | - | 80-100       |

C 这些性能数据来源于 CAMPUS 塑料数据库并且依据 ISO 10350 标准的国际分类原则





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## 声明

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