

CAMPUS® 数据表

Desmopan 192 - TPU
Covestro Deutschland AG



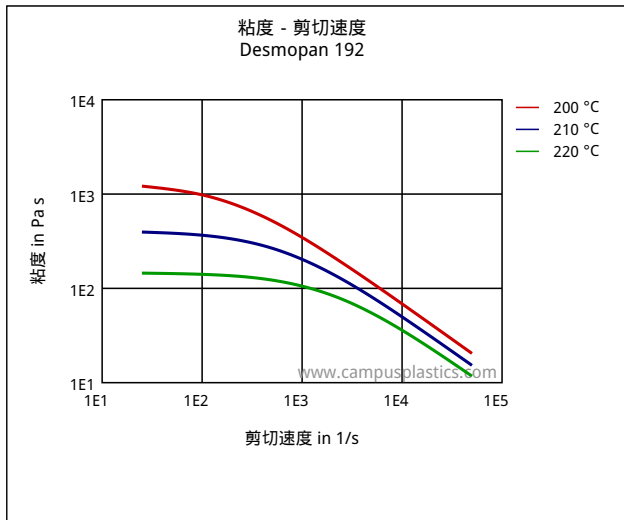
材料文字说明

- injection molding grade
- with high mechanical strength for articles subject to wear
- Application
- Shift lever balls
- Roller tires
- Coupling elements
- Shoe heels

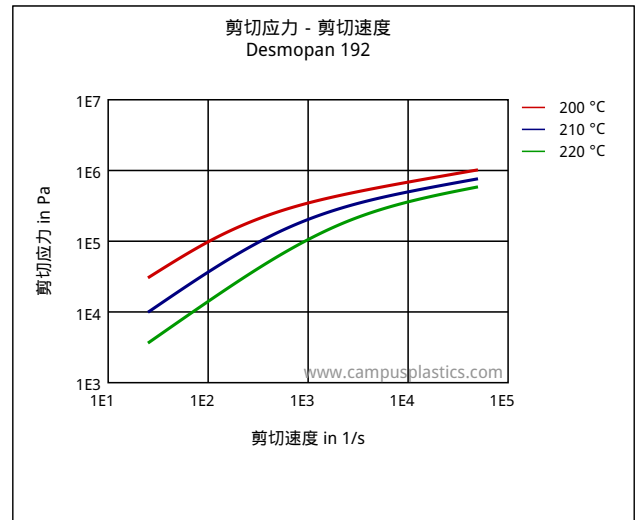
机械性能	价值	单位	测试标准
23°C时恒定应变下的永久变形, 24h	25	%	ISO 815
70°C时恒定应变下的永久变形, 24h	40	%	ISO 815
100°C时恒定应变下的永久变形, 24h	29	%	ISO 815
耐磨性	32	mm ³	ISO 4649
肖氏硬度A, 3s	92	-	ISO 7619-1
肖氏硬度D, 15s	42	-	ISO 7619-1
其它性能	价值	单位	测试标准
密度	1230	kg/m ³	ISO 1183

函数

粘度 - 剪切速度



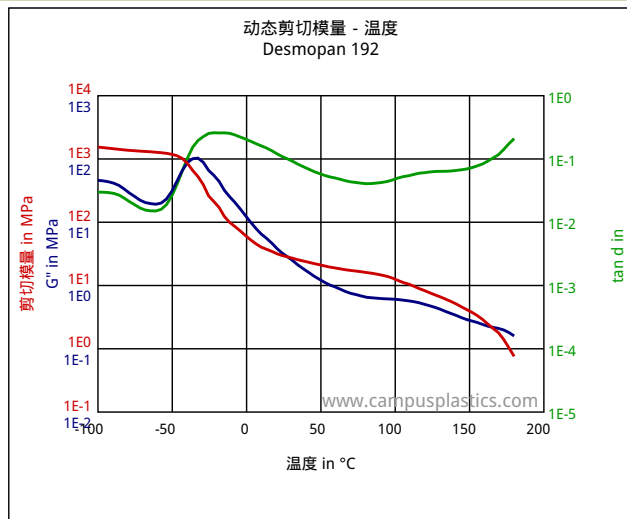
剪切应力 - 剪切速度



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动态剪切模量 - 温度



典型数据

加工方法

注塑

地区供应

欧洲, 中东/非洲

其他信息

注塑成型

PREPROCESSING

Max. water content: 0.05 %

Max. drying temperature: 90 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 210-225 °C

Mold temperature: 20-40 °C

Typical value

These values are typical values only. Unless explicitly agreed in written form, they do not constitute a binding material specification or warranted values. Values may be affected by the design of the mold/die, the processing conditions and coloring/pigmentation of the product. Unless specified to the contrary, the property values given have been established on standardized test specimens at room temperature.

General

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro.

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Medical Grades

Only Covestro products that are designated as “Medical Grade” may be used in medical devices or intermediates of medical devices. The designation as “Medical Grade” does not mean that Covestro or anyone else has determined that the product is suitable for use in any particular Medical Application. Except when Covestro has expressly agreed in writing to the sale of these products for such applications, Covestro products designated as “Medical Grade” shall not be considered candidates for any Medical Applications in: (a) cosmetic, reconstructive or reproductive implants, (b) other body implants, (c) applications involving contact with or storage of human tissue, blood or other bodily fluids for longer than 30 days, or (d) applications involving contact for longer than 24 hours with circulating blood, tissue, bone or dentin.

For further information on the use of Covestro products in Medical Applications, please request from your sales support contact our Guidance document: GUIDANCE ON USE OF COVESTRO PRODUCTS IN A MEDICAL APPLICATION.

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