



# Desmopan 9370A GMP

Extrusion- and injection molding grade; very good hydrolysis and microbial resistance; good low-temperature flexibility; free from plasticizers; high moisture vapor transmission rate; 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>; Application; breathable films; Seals, membranes; Films; hard - soft systems; Sports shoe soles

ARET

性能	测试条件	单位	标准	数值	
				drying	annealed - according to specifications

## 机械性能

C 邵氏硬度 A	1s	-	DIN ISO 7619-1		70	
C 最终拉伸强度	200 mm/min	MPa	DIN 53504		25, 7	
C 断裂应变	200 mm/min	%	DIN 53504		738	
C 10% 应变时的应力	200 mm/min	MPa	DIN 53504		1, 0	
C 100% 应变时的应力	200 mm/min	MPa	DIN 53504		3, 5	
C 300% 应变时的应力	200 mm/min	MPa	DIN 53504		6, 7	
C 压缩率	24 h; 70 ° C	%	DIN ISO 815-1, Method A		51	
C 压缩率	72 h; 23 ° C	%	DIN ISO 815-1		22	
C 压缩率	24 h; 70 ° C	%	DIN ISO 815-1, Method C		35	
C 耐磨性		mm <sup>3</sup>	ISO 4649 method A		69	
C 回弹力		%	ISO 4662		63	
C 撕裂强度	500 mm/min	kN/m	ISO 34-1		39	

## 热性质

C 拉伸储能模量	-20 ° C	MPa	ISO 6721-1, -4		125	
C 拉伸储能模量	20 ° C	MPa	ISO 6721-1, -4		11	
C 拉伸储能模量	60 ° C	MPa	ISO 6721-1, -4		9	

## 其他性能 (23 ° C)

C 密度		kg/m <sup>3</sup>	ISO 1183-1			1060
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## 建议成型工艺参数说明:

C 注塑-熔体温度		°C	-	190 - 210		
C 注塑-模具温度		°C	-			20 - 40
C 挤出-熔体温度		°C	-	175 - 210		

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