



Desmopan 9392A GMP

Extrusion- and injection molding grade; very good hydrolysis and microbial resistance; good low-temperature flexibility; 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; Hoses, non-reinforced; Cable sheathings; Profiles; Technical parts

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	92	
C 邵氏硬度 D	1s	-	DIN ISO 7619-1	42	
C 最终拉伸强度	200 mm/min	MPa	DIN 53504	50	
C 断裂应变	200 mm/min	%	DIN 53504	540	
C 10% 应变时的应力	200 mm/min	MPa	DIN 53504	3, 8	
C 100% 应变时的应力	200 mm/min	MPa	DIN 53504	11	
C 300% 应变时的应力	200 mm/min	MPa	DIN 53504	20	
C 压缩率	24 h; 70 ° C	%	DIN ISO 815-1, Method A	56	
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	36	
C 耐磨性		mm³	ISO 4649 method A	20	
C 回弹力		%	ISO 4662	32	
C 撕裂强度	500 mm/min	kN/m	ISO 34-1	85	

热性质

C 抗扭储能模量	-20 ° C	MPa	ISO 6721-2	104	
C 抗扭储能模量	23 ° C	MPa	ISO 6721-2	22	
C 抗扭储能模量	70 ° C	MPa	ISO 6721-2	13	
C 拉伸储能模量	-20 ° C	MPa	ISO 6721-1, -4	700	
C 拉伸储能模量	20 ° C	MPa	ISO 6721-1, -4	132	
C 拉伸储能模量	60 ° C	MPa	ISO 6721-1, -4	71	

其他性能 (23 ° C)

C 密度		kg/m³	ISO 1183-1	1150	
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建议成型工艺参数说明:

C 注塑-熔体温度		°C	-	210 - 230	
C 注塑-模具温度		°C	-		20 - 40
C 挤出-熔体温度		°C	-	195 - 215	
C Maximum drying temperature		°C	-		80

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



ISO 特性表

