

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

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	b. o. ISO 527-1, -3		50	
C 断裂应变	200 mm/min	%	b. o. ISO 527-1, -3		400	
C 100% 应变时的应力	200 mm/min	MPa	b. o. ISO 527-1, -3		11	
C 300% 应变时的应力	200 mm/min	MPa	b. o. ISO 527-1, -3		30	
C 压缩率	24 h; 70 ° C	%	DIN ISO 815-1, Method A		55	
C 压缩率	72 h; 23 ° C	%	DIN ISO 815-1		20	
C 压缩率	24 h; 70 ° C	%	DIN ISO 815-1, Method C		37	
C 耐磨性		mm ³	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/m ³	ISO 1183-1			1150
注塑条件						
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



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声明

Covestro AG
Business Unit Polyurethanes
Kaiser-Wilhelm-Allee 60
51373 Leverkusen
Germany
www.TPU.covestro.com
www.covestro.com
