

Desmopan 9852D GMP

Extrusion- and injection molding grade; very good hydrolysis and microbial resistance; very good low-temperature impact strength; 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>; Boot shells; 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 D	1s	-	DIN ISO 7619-1	53
C 最终拉伸强度	200 mm/min	MPa	DIN 53504	50
C 断裂应变	200 mm/min	%	DIN 53504	490
C 10% 应变时的应力	200 mm/min	MPa	DIN 53504	9
C 50% 应变时的应力	200 mm/min	MPa	DIN 53504	15
C 100% 应变时的应力	200 mm/min	MPa	DIN 53504	18
C 300% 应变时的应力	200 mm/min	MPa	DIN 53504	30
C 压缩率	24 h; 70 ° C	%	DIN ISO 815-1, Method A	34
C 压缩率	72 h; 23 ° C	%	DIN ISO 815-1	27
C 耐磨性		mm ³	ISO 4649 method A	23
C 回弹力		%	ISO 4662	45
C 撕裂强度	500 mm/min	kN/m	ISO 34-1	115
C 弯曲模量	2 mm/min	MPa	ISO 178	150
热性质				
C 维卡软化温度	10 N; 120 ° C/h	°C	ISO 306	141
C 维卡软化温度	50 N; 50 ° C/h	°C	ISO 306	65
C 拉伸储能模量	-20 ° C	MPa	ISO 6721-1, -4	830
C 拉伸储能模量	20 ° C	MPa	ISO 6721-1, -4	310
C 拉伸储能模量	60 ° C	MPa	ISO 6721-1, -4	110
其他性能 (23 ° C)				
C 密度		kg/m ³	ISO 1183-1	1146
注塑条件				
C 注塑-熔体温度		°C	-	230-245
C 注塑-模具温度		°C	-	60-70
C 挤出-熔体温度		°C	-	210-230

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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