

Desmopan® DP 2384A

Thermoplastic Polyurethane Elastomer (Polyester)

Covestro - PUR

Message:

Extrusion grade; does not contain any anti-hydrolysis agent; Beads; Application; Films; Hoses, non-reinforced

General Information			
Uses	Film		
	Hose		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
	Film Extrusion		

Hardness	Nominal Value		Test Method
Shore Hardness (Shore A, 23°C)	83		ISO 868

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹			DIN 53504
Break, 23°C	44.0	MPa	
10% Strain,23°C	1.60	MPa	
50% Strain,23°C	4.30	MPa	
100% Strain,23°C	5.50	MPa	
300% Strain,23°C	10.4	MPa	
Tensile Strain ² (Break, 23°C)	680	%	DIN 53504
Abrasion Resistance (23°C)	39.0	mm ³	ISO 4649-A
Tensile Storage Modulus			ISO 6721-1,-4
-20°C	443	MPa	
20°C	26.0	MPa	
60°C	15.0	MPa	
Impact Resilience (23°C)	46	%	ISO 4662

Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³ (23°C)	65	kN/m	ISO 34-1
Compression Set			ISO 815
23°C, 72 hr	58	%	
70°C, 24 hr	24	%	

Injection	Nominal Value	Unit
Drying Temperature	< 90.0	°C
Processing (Melt) Temp	190 to 220	°C
Mold Temperature	20.0 to 40.0	°C

Extrusion	Nominal Value	Unit
-----------	---------------	------

Drying Temperature	< 90.0	°C
Melt Temperature	190 to 210	°C

NOTE

1.	200 mm/min
2.	200 mm/min
3.	500 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

