

Xuchuan 2001/B-8580

Thermoplastic Polyurethane Elastomer (Polyester)

Xuchuan Chemical (Suzhou) Co., Ltd

Message:

Xuchuan 2001/B-8580 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Typical application: Consumer Goods. Primary characteristic: good dimensional stability.

General Information		
Features	Good Dimensional Stability	
	High Elasticity	
	Low Density	
Uses	Footwear	
Physical	Nominal Value	Unit
Density	0.300 to 0.400	g/cm ³
Density		
A-2001 : 40°C	1.010 to 1.020	g/cm ³
B-8580 : 40°C	1.080 to 1.200	g/cm ³
Viscosity		
A-2001 : 40°C	1.00 to 1.40	Pa·s
B-8580 : 40°C	0.600 to 1.00	Pa·s
Cream Time	7.0 to 9.0	sec
End of Rise Time	50.0 to 60.0	sec
Free Rise Foam Density	130 to 160	kg/m ³
Preheat Temperature		
Part A	50 to 60	°C
Part B	50 to 60	°C
Preheat Time		
Part A	8.0 to 10.0	hr
Part B	8.0 to 12.0	hr
Processing Temperature		
Part A	40 to 45	°C
Part B	38 to 42	°C
Hardness	Nominal Value	Unit
Durometer Hardness (Shore C)	25 to 45	
Elastomers	Nominal Value	Unit
Tensile Strength (Break)	4.00 to 6.00	MPa
Tensile Elongation (Break)	300 to 380	%
Tear Strength	18.0 to 26.0	kN/m
Thermoset	Nominal Value	Unit

Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 74 to 76	
Demold Time	5.0 to 7.0	min
Injection	Nominal Value	Unit
Mold Temperature	45.0 to 55.0	°C

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

