

Xuchuan A-9016/B-8016

Thermoplastic Polyurethane Elastomer (Polyester)

Xuchuan Chemical (Suzhou) Co., Ltd

Message:

Xuchuan A-9016/B-8016 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Typical application: Consumer Goods.
Characteristics include:
Good Aesthetics
High Hardness

General Information		
Features	Good Surface Finish	
	High Hardness	
	Low Density	
Uses	Footwear	
Physical	Nominal Value	Unit
Density	0.400 to 0.500	g/cm ³
Density		
A-9016 : 40°C	1.010 to 1.020	g/cm ³
B-8016 : 40°C	1.080 to 1.200	g/cm ³
Viscosity		
A-9016 : 40°C	1.50 to 2.50	Pa·s
B-8016 : 40°C	0.600 to 0.800	Pa·s
Ross Flex (23°C) ¹	No Crack	
Cream Time	6.0 to 8.0	sec
End of Rise Time	25.0 to 30.0	sec
Free Rise Foam Density	180 to 250	kg/m ³
Preheat Temperature		
Part A	50 to 60	°C
Part B	50 to 60	°C
Preheat Time		
Part A	6.0 to 8.0	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 A)	70 to 80	
Elastomers	Nominal Value	Unit
Tensile Strength (Break)	7.00 to 8.50	MPa

Tensile Elongation (Break)	300 to 400	%
Tear Strength	20.0 to 25.0	kN/m
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 84 to 86	
Demold Time	5.0 to 7.0	min
Injection	Nominal Value	Unit
Mold Temperature	55.0 to 65.0	°C
NOTE		
1.	40000 cycles, Break length 4 mm	

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



WECHAT