

Xuchuan A-7170/B-8260

Thermoplastic Polyurethane Elastomer (Polyester)

Xuchuan Chemical (Suzhou) Co., Ltd

Message:

Xuchuan A-7170/B-8260 is a Thermoplastic Polyurethane Elastomer (Polyester) (TPU-Polyester) product. It is available in Asia Pacific. Applications of Xuchuan A-7170/B-8260 include consumer goods and marine applications. Primary characteristic: low temperature resistant.

General Information		
Features	High Elasticity	
	Hydrolysis Resistant	
	Low Temperature Resistant	
Uses	Footwear	
	Marine Applications	
Physical	Nominal Value	Unit
Density	0.650 to 0.800	g/cm ³
Density		
A-7170 : 40°C	1.010 to 1.020	g/cm ³
B-8260 : 40°C	1.080 to 1.200	g/cm ³
Viscosity		
A-7170 : 40°C	1.00 to 1.40	Pa·s
B-8260 : 40°C	0.700 to 1.10	Pa·s
Ross Flex (-20°C) ¹	No Crack	
Cream Time	9.0 to 11.0	sec
End of Rise Time	1.0 to 1.2	min
Free Rise Foam Density	250 to 300	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 85	
Elastomers	Nominal Value	Unit
Tensile Strength (Break)	9.50 to 13.0	MPa

Tensile Elongation (Break)	550 to 690	%
Tear Strength	38.0 to 50.0	kN/m
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 120	
Demold Time	5.0 to 7.0	min
Injection	Nominal Value	Unit
Mold Temperature	45.0 to 55.0	°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