Xuchuan 6001/B-8280 (Sole)

Polyurethane

Xuchuan Chemical (Suzhou) Co., Ltd

Message:

Xuchuan 6001/B-8280 (Sole) is a Polyurethane product. It is available in Asia Pacific. Typical application: Consumer Goods.
Characteristics include:
High Strength
Wear Resistant

General Information		
Features	Good Abrasion Resistance	
	High Strength	
Uses	Footwear	

Physical	Nominal Value	Unit
Density	0.800 to 1.10	g/cm³
Density		
A-6001 : 40°C	1.010 to 1.020	g/cm³
B-8280 : 40°C	1.080 to 1.200	g/cm³
Viscosity		
A-6001 : 40°C	1.00 to 1.40	Pa·s
B-8280 : 40°C	0.800 to 1.20	Pa·s
Ross Flex		
-20°C [1]	No Crack	
-10°C [2]	No Crack	
Williams Abrasion	50.0 to 100	cc/php
Cream Time	6.0 to 8.0	sec
End of Rise Time	20.0 to 30.0	sec
Adhesion Strength - Between sole and mid-sole	44.1 to 73.5	kN/m
Free Rise Foam Density	470 to 500	kg/m³
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 A)	62 to 72	
Elastomers	Nominal Value	Unit
Tensile Strength (Break)	9.00 to 12.0	MPa
Tensile Elongation (Break)	350 to 480	%
Tear Strength	29.0 to 40.0	kN/m
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 83 to 85	
Demold Time	3.0 to 5.0	min
Injection	Nominal Value	Unit
Mold Temperature	45.0 to 55.0	°C
NOTE		
1.	20000 cycles	
2.	200000 cycles	

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

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