

# Xuchuan 6160/B-8260 (Mid-sole)

Polyurethane

Xuchuan Chemical (Suzhou) Co., Ltd

Message:

Xuchuan 6160/B-8260 (Mid-sole) is a Polyurethane product. It is available in Asia Pacific. Typical application: Consumer Goods.

Characteristics include:

High Strength

Low Temperature Resistant

Wear Resistant

General Information		
Features	Good Abrasion Resistance	
	High Strength	
	Low Temperature Resistant	
Uses	Footwear	
Physical	Nominal Value	Unit
Density	0.450 to 0.550	g/cm <sup>3</sup>
Density		
A-6160 : 40°C	1.010 to 1.020	g/cm <sup>3</sup>
B-8260 : 40°C	1.080 to 1.200	g/cm <sup>3</sup>
Viscosity		
A-6160 : 40°C	1.00 to 1.40	Pa·s
B-8260 : 40°C	0.700 to 1.10	Pa·s
Ross Flex (-20°C) <sup>1</sup>	No Crack	
Cream Time	6.0 to 7.0	sec
End of Rise Time	40.0 to 50.0	sec
Adhesion Strength - Between sole and mid-sole	39.2 to 58.8	kN/m
Free Rise Foam Density	230 to 270	kg/m <sup>3</sup>
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	40 to 45	°C
Hardness	Nominal Value	Unit
Durometer Hardness (Shore A)	40 to 50	
Elastomers	Nominal Value	Unit


Tensile Strength (Break)	4.50 to 8.90	MPa
Tensile Elongation (Break)	550 to 660	%
Tear Strength	24.0 to 32.0	kN/m
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 71 to 73	
Demold Time	5.0 to 7.0	min
Injection	Nominal Value	Unit
Mold Temperature	45.0 to 55.0	°C
NOTE		
1.	100000 cycles	

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