Xuchuan 6170/B-8280 (Mid-sole)

Polyurethane

Xuchuan Chemical (Suzhou) Co., Ltd

Message:

Xuchuan 6170/B-8280 (Mid-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	0.450 to 0.550	g/cm³
Density		
A-6170 : 40°C	1.010 to 1.020	g/cm³
B-8280 : 40°C	1.080 to 1.200	g/cm³
Viscosity		
A-6170 : 40°C	1.00 to 1.40	Pa·s
B-8280 : 40°C	0.800 to 1.20	Pa·s
Ross Flex (23°C) [1]	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 260	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	40 to 45	°C
Hardness	**Nominal Value**	**Unit**
Durometer Hardness (Shore A)	45 to 55	
Elastomers	**Nominal Value**	**Unit**
Tensile Strength (Break)	3.90 to 7.90	MPa

Tensile Elongation (Break)	520 to 690	%
Tear Strength	16.0 to 27.0	kN/m
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 77 to 79	
Demold Time	3.0 to 5.0	min
Injection	Nominal Value	Unit
Mold Temperature	45.0 to 55.0	°C
NOTE		
1.	100000 cycles, Break length 4 mm	

Recommended distributors for this material

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