

Multi-Flex® TEA A 6003 ACN1

Thermoplastic Elastomer

Multibase, A Dow Corning Company

Message:

Multi-Flex® TEA A 6003 ACN1 is a thermoplastic elastomer (TPE) product. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Multi-Flex® TEA A 6003 ACN1 applications include tools and sporting goods. The main characteristics are: strong adhesion.

General Information			
Features	Adhesiveness		
	Good coloring		
	Soft		
Uses	Power/other tools		
	Sporting goods		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	7.00	MPa	ISO 37
Tensile Elongation (Break)	550	%	ISO 37
Tear Strength	30	kN/m	ISO 34-1
Additional Information			
Spiral Flow: 22 in			
Injection	Nominal Value	Unit	
Drying Temperature	68.3	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	188	°C	
Middle Temperature	199	°C	
Front Temperature	216	°C	
Nozzle Temperature	216	°C	
Processing (Melt) Temp	216	°C	
Mold Temperature	26.7 - 43.3	°C	
Injection Rate	Moderate		

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