

Multi-Flex® TPE A6221

Thermoplastic Elastomer

Multibase, A Dow Corning Company

Message:

Multi-Flex® TPE A6221 is a Thermoplastic Elastomer (TPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.

General Information			
Features	Good Colorability		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	59		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	5.38	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Tear Strength	24.5	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	51.7	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	199	°C	
Middle Temperature	204	°C	
Front Temperature	210	°C	
Nozzle Temperature	210	°C	
Processing (Melt) Temp	210	°C	
Mold Temperature	26.7 to 43.3	°C	
Injection Rate	Moderate-Fast		

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