

# Multi-Flex® TPE TES A5110 EU1

Thermoplastic Elastomer  
Multibase, A Dow Corning Company

Message:

Multi-Flex® TPE TES A5110 EU1 is a Thermoplastic Elastomer (TPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.  
Characteristics include:  
Good Processability  
Good UV Resistance

General Information			
Features	Good Processability		
	Good UV Resistance		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	52		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	4.00	MPa	ISO 37
Tensile Elongation (Break)	620	%	ISO 37
Tear Strength	20	kN/m	ISO 34-1
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	188	°C	
Middle Temperature	199	°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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