

Multi-Flex® TPE SiE A8508 EU1

Thermoplastic Elastomer
Multibase, A Dow Corning Company

Message:

Multi-Flex® TPE SiE A8508 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	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	33	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	85		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Break)	7.00	MPa	ISO 37
Tensile Elongation (Break)	450	%	ISO 37
Tear Strength	40	kN/m	ISO 34-1
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	Fast		

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