

Multi-Flex® TPE A7606 UV

Thermoplastic Elastomer
Multibase, A Dow Corning Company

Message:

Multi-Flex® TPE A7606 UV 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 UV Resistance
High Strength

General Information			
Features	Good Colorability		
	Good UV Resistance		
	High Tensile Strength		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.914	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	68		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.4	MPa	ASTM D412
Tensile Elongation (Break)	780	%	ASTM D412
Tear Strength	43.8	kN/m	ASTM D624
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	Fast		
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	154	°C	
Cylinder Zone 3 Temp.	182	°C	
Cylinder Zone 5 Temp.	202	°C	
Melt Temperature	199	°C	

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