

Multi-Flex® TPE A8030

Thermoplastic Elastomer

Multibase, A Dow Corning Company

Message:

Multi-Flex® TPE A8030 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	High Density		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.86	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	82.7	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.86	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength	26.3	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	182	°C	
Middle Temperature	191	°C	
Front Temperature	199	°C	
Nozzle Temperature	204	°C	
Processing (Melt) Temp	204	°C	
Mold Temperature	26.7 to 37.8	°C	
Injection Rate	Moderate-Fast		

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