

# Multi-Flex® TPE D4107

Thermoplastic Elastomer

Multibase, A Dow Corning Company

## Message:

Multi-Flex® TPE D4107 is a Thermoplastic Elastomer (TPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: good processability.

General Information			
Features	Good Processability		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.904	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	44		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	276	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	14.5	MPa	ASTM D412
Tensile Elongation (Break)	630	%	ASTM D412
Tear Strength	94.6	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	199	°C	
Middle Temperature	204	°C	
Front Temperature	210	°C	
Nozzle Temperature	216	°C	
Processing (Melt) Temp	216	°C	
Mold Temperature	26.7 to 37.8	°C	
Injection Rate	Moderate-Fast		

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## Recommended distributors for this material

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