

# Multi-Flex® TPE A1540

Thermoplastic Elastomer

Multibase, A Dow Corning Company

## Message:

Multi-Flex® TPE A1540 is a Thermoplastic Elastomer (TPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: good uv resistance.

General Information			
Features	Good Colorability		
	Good UV Resistance		
	Soft		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	27	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	15		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2.42	MPa	ASTM D412
Tensile Elongation (Break)	870	%	ASTM D412
Tear Strength	11.4	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	2.0	hr	
Rear Temperature	160	°C	
Middle Temperature	168	°C	
Front Temperature	177	°C	
Nozzle Temperature	177	°C	
Processing (Melt) Temp	177	°C	
Mold Temperature	26.7 to 32.2	°C	
Injection Rate	Moderate-Fast		

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