

Multi-Flex® TPE A7005 C

Thermoplastic Elastomer

Multibase, A Dow Corning Company

Message:

Multi-Flex® TPE A7005 C 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		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	72		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	7.58	MPa	ASTM D412
Tensile Elongation (Break)	720	%	ASTM D412
Tear Strength	45.5	kN/m	ASTM D624
Injection	Nominal Value	Unit	Test Method
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Extrusion	Nominal Value	Unit	Test Method
Cylinder Zone 1 Temp.	154	°C	
Cylinder Zone 3 Temp.	182	°C	
Cylinder Zone 5 Temp.	202	°C	
Melt Temperature	32.2	°C	
Die Temperature	207	°C	

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