MULTIFLEX™ TES A9008 EV0

STYRENIC THERMOPLASTIC ELASTOMER

Multiflex™ TES are thermoplastic elastomers based styrenic, combining soft touch, elasticity and compression set performances.
Compatibility with polyolefin enables bi-material parts (continuous process or cold insert).

Multiflex™ TES A9008 EV0 is designed to provide a very high flow, good aesthethic performance and is UV stabilized.

Rheological properties

Flow length	600	mm	
Flow length - pressure	5	MPa	

Typical mechanical properties

Stress at 100% elongation	7.5	MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	8.4	MPa	ISO 527-1/-2 or ISO 37
Stress at break	12	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	90		ISO 48-4 / ISO 868
Tear strength, normal	45	kN/m	ISO 34-1

Other properties

Density	1000	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Drying Temperature	70	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Melt Temperature Optimum	200	°C
Mold Temperature Optimum	40	°C
Min. mould temperature	20	°C
Max. mould temperature	60	°C
Hold pressure range	20 to 40% of max injection pressure	MPa
Back pressure	1	MPa
Injection speed	Medium-High	mm/s

Extrusion

Drying Temperature	70 - 100	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Melt Temperature Optimum	190	°C
Melt Temperature Range	180 - 210	°C

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Characteristics

Compatibility	Polyolefins

DuPont

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