MULTIFLEX™ TES A5904 LC

STYRENIC THERMOPLASTIC ELASTOMER

Rheological properties

Melt mass-flow rate	2.9	g/10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133

Typical mechanical properties

Stress at break	6.9	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	521	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	58		ISO 48-4 / ISO 868
Tear strength, normal	24	kN/m	ISO 34-1

Other properties

Density	1060	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Drying Temperature	70	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Melt Temperature Optimum	190	°C
Mold Temperature Optimum	30	°C
Min. mould temperature	10	°C
Max. mould temperature	50	°C
Hold pressure range	as low as possible	MPa
Back pressure	1.5	MPa
Injection speed	Medium	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

Characteristics

Compatibility	Polyolefins

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