MULTIFLEX™ TES A8002 BSU1 26022 BLK

STYRENIC THERMOPLASTIC ELASTOMER

Product information

Colour	Black

Typical mechanical properties

Stress at break	10	MPa	ISO 527-1/-2 or ISO 37
Stress at break	9	MPa	ISO 527-1/-2
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	80		ISO 48-4 / ISO 868
Tear strength, parallel	42	kN/m	ISO 34-1
Tear strength, normal	35	kN/m	ISO 34-1

[1]: ISO 37, type 1 v=500mm/min, Cross direction

[2]: ISO 37, type 1 v=500mm/min, Flow direction

Other properties

Density	1180	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Drying Time, Dehumidified Dryer	≤0	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
Injection speed	Medium-High	mm/s

Extrusion

Melt Temperature Optimum	190	°C
Melt Temperature Range	180 - 200	°C

Characteristics

Compatibility	Polyolefins

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