MULTIFLEX™ TEA 75A 31099 BLK

THERMOPLASTIC ELASTOMER ALLOY

Product information

Colour	Black	

Rheological properties

Flow length - pressure	8	MPa
Flow length - width/thickness	25	mm

Typical mechanical properties

Stress at break	9	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	800	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	72		ISO 48-4 / ISO 868
Tear strength, parallel	48	kN/m	ISO 34-1
Tear strength, normal	50	kN/m	ISO 34-1

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

Other properties

Density	1100	kg/m³	ISO 1183

Injection

Drying Recommended	yes	
Drying Temperature	60	°C
Drying Time, Dehumidified Dryer	≤0.5	h
Melt Temperature Optimum	190	°C
Mold Temperature Optimum	40	°C
Min. mould temperature	20	°C
Max. mould temperature	60	°C
Hold pressure range	as low as possible	MPa

Extrusion

Drying Temperature	60 - 80	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Melt Temperature Optimum	190	°C
Melt Temperature Range	180 - 200	°C

Characteristics

Compatibility	Polyamides, Polycarbonate, Styrenics

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