MULTIFLEX™ TEA A8503 CEV1 33066 BLACK

THERMOPLASTIC ELASTOMER ALLOY

Product information

Colour	Black

Rheological properties

Flow length	210	mm
Flow length - pressure	8	MPa

Typical mechanical properties

Stress at break	17	MPa	ISO 527-1/-2 or ISO 37
Stress at break	17	MPa	ISO 527-1/-2
Elongation at break	1000	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	80		ISO 48-4 / ISO 868
Tear strength, parallel	80	kN/m	ISO 34-1
Tear strength, normal	80	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	1290	kg/m³	ISO 1183

Injection

Drying Recommended	yes	
Drying Temperature	90	°C
Drying Time, Dehumidified Dryer	4 - 6	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	80 - 95	°C
Drying Time, Dehumidified Dryer	4 - 6	h
Melt Temperature Optimum	190	°C
Melt Temperature Range	180 - 200	°C

Characteristics

Compatibility	Polyamides, Polycarbonate, Styrenics

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