MULTIFLEX™ TES A8010 GSA1 NAT

STYRENIC THERMOPLASTIC ELASTOMER

Product information

Colour	Clear

Rheological properties

Flow length	650	mm
Flow length - pressure	5	MPa

Typical mechanical properties

Stress at 100% elongation	3.2	MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	4.1	MPa	ISO 527-1/-2 or ISO 37
Stress at break	7.9	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	80		ISO 48-4 / ISO 868
Compression set at 23°C	35	%	ISO 815
Compression set at 70°C, 24h	55	%	ISO 815
Tear strength, parallel	34	kN/m	ISO 34-1

Other properties

Density	1050	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Melt Temperature Optimum	200	°C
Mold Temperature Optimum	40	°C
Min. mould temperature	20	°C
Max. mould temperature	60	°C
Hold pressure range	as low as possible	MPa
Back pressure	1	MPa
Injection speed	High	mm/s

Characteristics

Compatibility	Polyolefins

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