MULTIFLEX™ G40 A 11 T Z1633

STYRENIC THERMOPLASTIC ELASTOMER

Rheological properties

Flow length	740	mm	
Flow length - pressure	8	MPa	

Typical mechanical properties

Stress at 100% elongation	0.9	MPa	ISO 527-1/-2 or ISO 37
Stress at break	5	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	40		ISO 48-4 / ISO 868
Compression set at 23°C	12	%	ISO 815
Compression set at 70°C, 24h	25	%	ISO 815
Compression set at 100°C, 24h	40	%	ISO 815
Tear strength, parallel	19	kN/m	ISO 34-1
Tear strength, normal	19	kN/m	ISO 34-1

[1]: Cross direction

Other properties

Density	1160	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Melt Temperature Optimum	210	°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

Extrusion

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

Characteristics

Compatibility	Polyolefins

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