MULTIFLEX™ G50 A 21 BT Z2976 N0089 (A)

STYRENIC THERMOPLASTIC ELASTOMER

Rheological properties

Flow length	670	mm
Flow length - pressure	8	MPa

Typical mechanical properties

Stress at 100% elongation	1.4	MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	3.1	MPa	ISO 527-1/-2 or ISO 37
Stress at break	4.9	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	50		ISO 48-4 / ISO 868
Compression set at 23°C	10	%	ISO 815
Compression set at 70°C, 24h	24	%	ISO 815
Compression set at 100°C, 24h	42	%	ISO 815
Tear strength, parallel	23	kN/m	ISO 34-1

[1]: Cross direction

Other properties

Density	1150	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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