MULTIFLEX™ G90 A 21 B Z1668 N0042

STYRENIC THERMOPLASTIC ELASTOMER

Rheological properties

Melt volume-flow rate	1	cm³/10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Moulding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Flow length	500	mm	
Flow length - pressure	8	MPa	

Typical mechanical properties

Stress at break	10	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	170	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	90		ISO 48-4 / ISO 868
Tear strength, parallel	50	kN/m	ISO 34-1

Other properties

Density	1120	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

Extrusion

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

Characteristics

Compatibility	Polyolefins

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