MULTIFLEX™ GT25 A 510 N0200 14084

STYRENIC THERMOPLASTIC ELASTOMER

Rheological properties

Melt volume-flow rate	36	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	720	mm	
Flow length - pressure	5	MPa	

Typical mechanical properties

Stress at 100% elongation	0.9	MPa	ISO 527-1/-2 or ISO 37
Stress at break	3.5	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	25		ISO 48-4 / ISO 868
Compression set at 23°C	8	%	ISO 815
Compression set at 70°C, 24h	22	%	ISO 815
Compression set at 100°C, 24h	39	%	ISO 815
Tear strength, parallel	14	kN/m	ISO 34-1

[1]: Cross direction

Other properties

Density	1040	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

Characteristics

Compatibility	Polyolefins

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