MULTIFLEX™ G60 A 11 BT 13893

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	1.4	%	ISO 294-4, 2577
Flow length	680	mm	
Flow length - pressure	8	MPa	

Typical mechanical properties

Stress at 100% elongation	3.1	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	6.4	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	60		ISO 48-4 / ISO 868
Compression set at 23°C	12	%	ISO 815
Compression set at 70°C, 24h	24	%	ISO 815
Compression set at 100°C, 24h	39	%	ISO 815
Tear strength, parallel	29	kN/m	ISO 34-1

[1]: Cross direction

Other properties

Density	1150	kg/m³	ISO 1183

Extrusion

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

Characteristics

Compatibility	Polyolefins

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