MULTIFLEX™ SiE A 6311 EV1

STYRENIC THERMOPLASTIC ELASTOMER

Product information

Colour	Black	

Rheological properties

Flow length	850	mm

Typical mechanical properties

Stress at 100% elongation	1.9	MPa	ISO 527-1/-2 or ISO 37
Stress at break	8	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	62		ISO 48-4 / ISO 868
Compression set at 23°C	28	%	ISO 815
Tear strength, parallel	28	kN/m	ISO 34-1

[1]: Cross direction

Other properties

Density	980	kg/m³	ISO 1183

Injection

Drying Recommended	yes	
Drying Temperature	65	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Melt Temperature Optimum	215	°C
Mold Temperature Optimum	35	°C
Min. mould temperature	25	°C
Max. mould temperature	45	°C
Injection speed	High	mm/s

Characteristics

Compatibility	Polyolefins

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