MULTIFLEX™ TPO 50 D 41 81171

POLYOLEFIN THERMOPLASTIC ELASTOMER

Rheological properties

Melt mass-flow rate	15	g/10min	ISO 1133
Melt mass-flow rate, Temperature	230	°C	ISO 1133
Melt mass-flow rate, Load	2.16	kg	ISO 1133
Moulding shrinkage, parallel, annealed	1.1	%	ISO 294-4

Typical mechanical properties

Elongation at break	650	%	ASTM D 638
Flexural Modulus	460	MPa	ISO 178
Shore D hardness, 15s	50		ISO 48-4 / ISO 868

Other properties

Density	890	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Drying Time, Dehumidified Dryer	≤0	h
Mold Temperature Optimum	30	°C
Min. mould temperature	15	°C
Max. mould temperature	45	°C
Hold pressure range	as low as possible	MPa

Characteristics

Compatibility	Polyolefins

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