MULTIFLEX™ TES A7013 GTA1 TRANS

STYRENIC THERMOPLASTIC ELASTOMER

MULTIFLEX™ TES A7013 GTA1 TRANS is a general Purpose TPE-S, combining soft touch and excellent bondability on Polyolefin, easy to color, and dedicated to injection molded application.

Product information

Colour	Transparent

Rheological properties

Flow length	800	mm
Flow length - pressure	5	MPa

Typical mechanical properties

Stress at 100% elongation	2.5	MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	3.5	MPa	ISO 527-1/-2 or ISO 37
Stress at break	6.7	MPa	ISO 527-1/-2 or ISO 37
Elongation at break	>300	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	70		ISO 48-4 / ISO 868
Compression set at 23°C	30	%	ISO 815
Compression set at 70°C, 24h	55	%	ISO 815
Tear strength, parallel	30	kN/m	ISO 34-1

Other properties

Density	880	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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