MULTIFLEX™ TES A6221 CUV BLACK 28658

STYRENIC THERMOPLASTIC ELASTOMER

Multiflex™ TES are thermoplastic elastomers based styrenic, combining soft touch, elasticity and compression set performances.
Compatibility with polyolefin enables bi-material parts (continuous process or cold insert)

Product information

Colour	Black	

Rheological properties

Flow length	610	mm
Flow length - pressure	5	MPa

Typical mechanical properties

Stress at 100% elongation	1.9	MPa	ISO 527-1/-2 or ISO 37
Stress at break	5.5	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	24	%	ISO 815
Tear strength, parallel	27	kN/m	ISO 34-1

Flammability

Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	2	mm	IEC 60695-11-10

Other properties

Density	1160	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

Characteristics

Compatibility	Polyolefins

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