MULTIFLEX™ A6221 CUV

STYRENIC THERMOPLASTIC ELASTOMER

Rheological properties

Melt volume-flow rate	76.5	cm³/10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
Moulding shrinkage, parallel	1.6	%	ISO 294-4, 2577
Moulding shrinkage, normal	1.0	%	ISO 294-4, 2577
Flow length	590	mm	

[1]: Process parameters and part geometries can affect shrinkage. Part prototyping is recommended to determine critical part dimension shrinkage

Typical mechanical properties

Stress at break	4	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	21	%	ISO 815
Compression set at 70°C, 24h	65	%	ISO 815
Tear strength, parallel	22	kN/m	ISO 34-1

Other properties

Density	1170	kg/m³	ISO 1183

Injection

Drying Recommended	no	
Drying Temperature	70	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Melt Temperature Optimum	200	°C
Mold Temperature Optimum	35	°C
Min. mould temperature	25	°C
Max. mould temperature	45	°C
Injection speed	Medium	mm/s

Characteristics

Compatibility	Polyolefins

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