

ZENITE® DEV 5245L (PRELIMINARY)

Liquid Crystal Polymer

Typical mechanical properties

Tensile modulus	11400 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	99 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	1.9 %	ISO 527-1/-2
Poisson's ratio	0.33 ^[C]	
[C]: Calculated		

Flammability

Burning Behav. at thickness h	V-0 class	IEC 60695-11-10
Thickness tested	0.2 mm	IEC 60695-11-10

Injection

Drying Recommended	yes
Drying Temperature	150 °C
Drying Time, Dehumidified Dryer	4 - 6 h
Processing Moisture Content	≤0.01 %
Min. melt temperature	325 °C
Max. melt temperature	355 °C
Min. mould temperature	80 °C
Max. mould temperature	120 °C

Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat, High Flow, Low Warpage