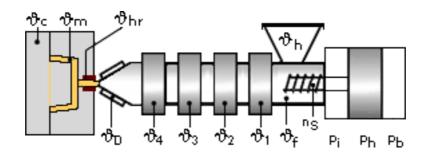


ZENITE® 7145L | LCP | Glass Reinforced

Description

Zenite® 7145L is a 45% glass fiber reinforced and lubricated liquid crystal polymer for injection molding. It has excellent impact resistance and high heat deflection temperature.

Typical injection moulding processing conditions



Pre Drying:

Necessary low maximum residual moisture content: 0.01%

Drying time: 3 h

Drying temperature: 302 - - °F

Tomporaturo:

remperature.	^ზ Mold	∂Melt	[∜] Nozzle	^{స్} Zone4	[∜] Zone3	^უ Zone2	^უ Zone1	^უ Feed	^უ Hopper
min (°F)	176	680	680	680	680	680	671	104	68
max (°F)	248	698	698	698	698	698	689	140	86

Pressure:

	Inj press	Hold press	Back pressure	
min (psi)	7250	7250	0	
max (psi)	21800	21800	435	

Injection Molding

Melt Temperature Optimum = 365°C Melt Temperature Range = 360-370°C Mold Temperature Optimum = 80°C Mold Temperature Range = 40-150°C

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Properties of molded parts can be influenced by a wide variety of factors including, but not limited to, material selection, additives, part design, processing conditions and environmental exposure. Any determination of the suitability of a particular material and part design for any use contemplated by the users and the manner of such use is the sole responsibility of the users, who must assure themselves that the material as subsequently processed meets the needs of their particular product or use.

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