

CELCON® LW90-SC

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Celcon® LW90-SC is a highly loaded silicone concentrate based in acetal copolymer. It can be used in conjunction with other Celanese acetal products to reduce friction and improve wear performance. It is not meant to be used as a stand alone product. Please also see Hostaform® S 9021 S OEK for another Celanese silicone concentrate.

Product information

Resin Identification	POM	ISO 1043
Part Marking Code	>POM<	ISO 11469

Thermal properties

Melting temperature, 10 °C/min	165 °C	ISO 11357-1/-3
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Injection

Drying Recommended	no
Drying Temperature	100 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Processing Moisture Content	≤0.2 %
Melt Temperature Optimum	190 °C
Min. melt temperature	180 °C
Max. melt temperature	200 °C
Screw tangential speed	≤0.3 m/s
Mold Temperature Optimum	100 °C
Min. mould temperature	80 °C
Max. mould temperature	120 °C
Hold pressure range	60 - 120 MPa

Characteristics

Delivery form	Pellets
Special characteristics	Low wear / Low friction