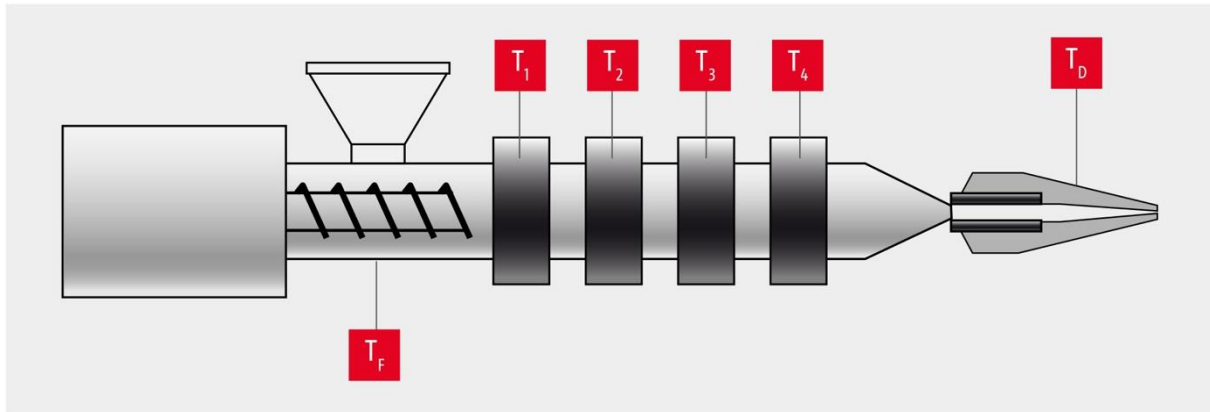


TOPAS[®] 7010F-600

Cyclic Olefin Copolymer

Processing Conditions for Extrusion



Processing Temperatures

T _F	T ₁	T ₂	T ₃	T ₄	T _D
20-70 °C *	210-230 °C	220-240 °C	220-240 °C	220-240 °C	220-240 °C
68-158 °F *	410-446 °F	428-464 °F	428-464 °F	428-464 °F	428-464 °F

* for grooved feed zones: T_F: approx. 120°C / 248°F

Head Pressure	P _{melt} > 140 bar / 2000 psi Fine screen packs as needed
Screw Speed	n _{screw} > 50% nominal
Screw Design	Multi-purpose or barrier screw w/ mixing section Screw diameter > 60 mm / 2.5 inch Preferred L/D ratio ≥ 28:1 where available

Note

This grade can be extruded on a variety of commercial cast film lines, and on blown film lines in blends or thin discrete layers. These recommendations are the preferred start-up conditions and have to be optimized on the specific extrusion line. Please contact us for further process recommendations. See our processing guide for polyolefin blends if such blends are planned.

IMPORTANT: This publication contains general advice for processing of our products. It indicates typical processing conditions, and is not intended to cover individual cases. The properties of our products may change as a result of processing conditions or the inclusion of additives. The information contained in this publication should not be construed as a promise or guarantee of specific properties of our products. We strongly recommend that users seek and adhere to the manufacturer's current instructions for handling each material they use, and to entrust the handling of such material to adequately trained personnel only. Please refer to the appropriate Safety Data Sheets before attempting to process our products.

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