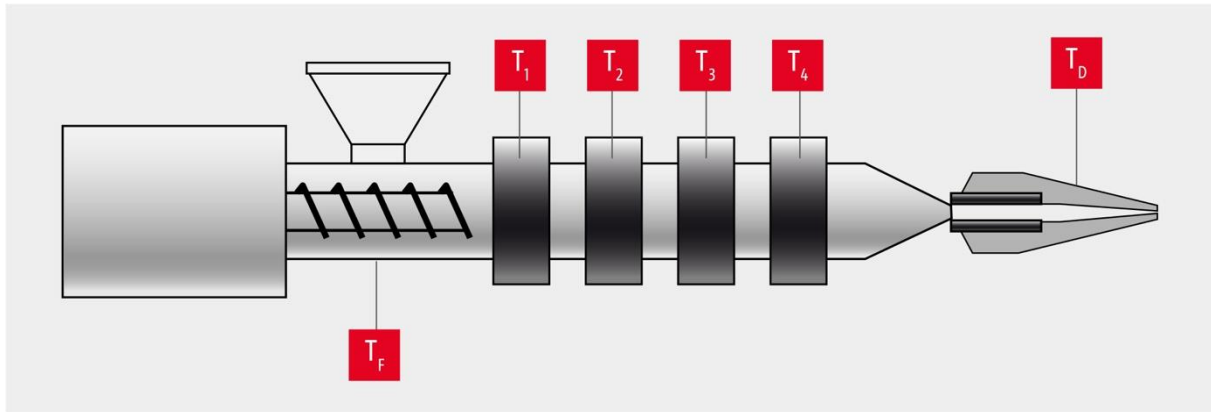


TOPAS[®] 8007F-600

Cyclic Olefin Copolymer

Processing Conditions for Extrusion



Processing Temperatures

T _F	T ₁	T ₂	T ₃	T ₄	T _D
20-60 °C *	200-210 °C	200-210 °C	200-210 °C	200-210 °C	220-230 °C
68-140 °F*	392-410 °F	392-410 °F	392-410 °F	392-410 °F	428-446 °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 of TOPAS is the preferred 8007-series resin for blown films, and can be extruded on a variety of commercial blown and cast film lines. These recommendations are suggested start-up conditions and must be optimized on the specific extrusion line. Please contact us for further process recommendations.

