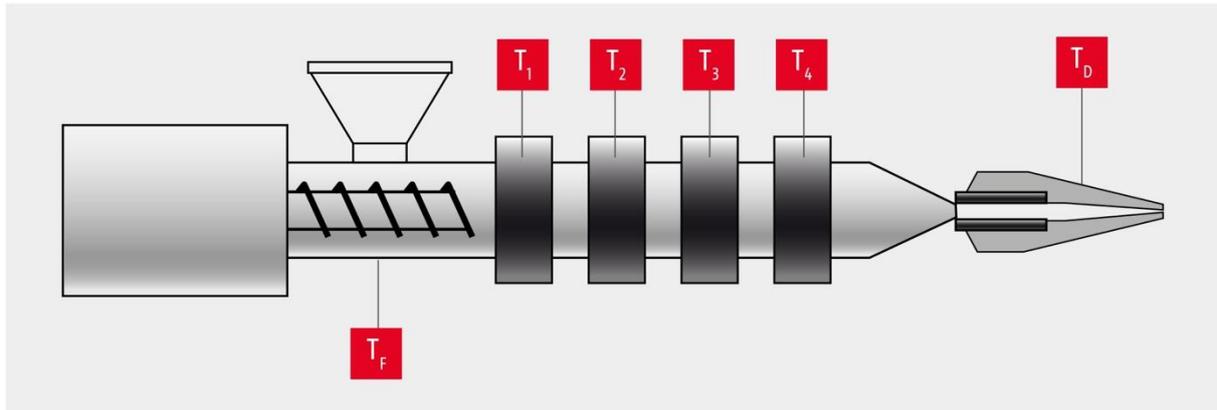


## TOPAS<sup>®</sup> Elastomer E-140

Cyclic Olefin Copolymer

### Processing Conditions for Extrusion



#### Processing Temperatures

T <sub>F</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>4</sub>	T <sub>D</sub>
20-60 °C	210-220 °C	230-240 °C	230-240 °C	230-240 °C	230-240 °C
68-140 °F	410-428 °F	446-464 °F	446-464 °F	446-464 °F	446-464 °F

Head Pressure	P <sub>melt</sub> > 140 bar / 2000 psi Fine screen packs as needed
Screw Speed	n <sub>screw</sub> > 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 and blown film lines as a monolayer, in blends or as a discrete layer in coextrusion. These recommendations are preferred start-up conditions and must be optimized on the specific extrusion line. Please contact us for further process recommendations. See also our processing guide for polyolefin blends if such blends are planned.

