

## Auriga Polymers Inc.

### Type P120F Co-Polyester Provisional Data Sheet

#### Product Description

Type P120F polymer is a modified co-polyester that exhibits elastomeric properties.

Type P120F can be melt spun into Fiber and Monofilament, and can also be extruded for other applications that require elastic properties in the final product.

Type P120F co-polyester needs to be dried to < 50 ppm moisture (110°C / -40°C d.pt. air / 14+ hours) if processed on single screw extruder. Drying in dry nitrogen atmosphere is preferred.

Specified Property	Typical Value	Test Method
Intrinsic Viscosity	1.2 ± 0.2	0.1% Solution in M-cresol*
Color L*	71 ± 7.0	Hunter Colorimeter
Color b*	21 ± 7.0	Hunter Colorimeter
Melting Point, °C	240 maximum	DSC**

\* Determined by converting solution viscosity to intrinsic viscosity using an empirical correlation developed by Auriga Polymers Inc.

\*\* Auriga Polymers Inc. internal testing method

Mechanical Properties	ASTM Method	Typical Value
Tensile Strength @ Break (PSI)	D638	2645
Elongation @ Break (%)	D638	455
Notched Izod Impact* @ 23°C – Impact Resistance (J/m)	D256	260
Shore Hardness Type D @ 23°C	D2240	43

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