



Custom Plastic Sheet and Roll Extrusion Since 1969

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POLY PRO

Polypropylene

POLY PRO is the Futurex designation for polypropylene. It is a random co-polymer with good contact clarity.

POLY PRO is able to meet the conditions in 21 CFR 177.1520 of the USA Food and Drug Administration’s Code of Federal Regulations for packaging. It has low odor and low taste transfer and retains good toughness at refrigerator temperatures. Its superior clarity makes it an excellent fit for applications such as containers and lids. If **POLY PRO** will be used in applications where food contact is likely, please contact a member of our Futurex Sales team.

Capabilities

Texture	Gauge Range	Max Width
Matte/Matte	.023-.100"	49"
Polished/Matte	.023-.100"	49"
Cracked Ice	.023 -.100"	49"
Crush	.023-.100"	49"

Our virgin resins are in compliance with:
California Prop 65, RoHS, Reach/SVHC,
PFAS, Conflict Minerals, & FDA Food Contact

Typical Properties

General Properties	Test Method	Values
Density	ASTM D-792B	0.902 g/cm ³
Melt Flow Index @ 190° C / 2.16 kg	ASTM D-1238	2.0-2.5g / 10 min
Tensile Strength – Yield @ 2.0 in/min	ASTM D-638	4,060 psi
Tensile Elongation at Yield	ASTM D-638	>13%
Izod Impact Strength-Notched @73° F	ASTM D-256A	5.5 ft lb/in
Flexural Modulus	ASTM D-790A	140,000 psi
Hardness, Rockwell (R Scale)	ASTM D-785	69
Heat Deflection Temperature Unannealed @ 66psi	ASTM D-648	158° F
Haze	ASTM D-1003	14%

Additional specifications available upon request.

We typically blend a small percentage of Anti-stat into each batch of material unless requested not to do so by our customers. Other additives such as Ultra Violet Inhibitors (UVI) are available upon request.

Our polypropylene meets the conditions of section 21 CFR, Section 177.1520 of the USA Food and Drug Administration’s (FDA) Code of Federal Regulations. The resin may be safely used to produce packaging material, containers, and equipment intended for use in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food.

These data are presented only as typical properties of the base resins which, to the best of our knowledge, are true and accurate. However, since Conditions of use are beyond our control, all recommendations or suggestions are presented without guaranty or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise. All risks of such use are assumed by the user. Furthermore, nothing contained herein shall be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing or future patents.