

POLYPROPYLENE



Also referred to as “polypro” or PP, polypropylenes were developed in 1954. The ability to carry light loads for long periods and over wide temperature ranges make PP’s valuable in engineering applications. PP’s have high heat resistance, and resist more chemicals than other thermoplastics at the same cost. PP also has excellent fatigue resistance, and is often referred to as the “living hinge” thermoplastic because of its almost infinite life in flex fatigue situations. They are used in many industrial applications involving chemicals, such as structural holding tanks, plating barrels, and tanks. Most of the conveyor end bearings we supply are made of PP. They are ideal, for instance, where battery-filling lines are subject to acid spills.

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