

	1. What is polypropylene? Polypropylene (PP) resembles polyethylene (PE) with its lightweight and transparent nature. Unlike its counterpart, PP boasts excellent mechanical properties, higher tensile and yield strength compared to PE, PS, and ABS, and superior resistance to stress cracking. It is effortlessly weldable, but caution should be taken with its low notch impact strength. Finished products should steer clear of sharp corners and cuts. Operating comfortably in temperatures ranging from +5°C to 50°C, PP is water-repellent, boasts low breathability, and is flammable. 2. PP characteristics • a. Remarkable resistance to bending fatigue and outstanding heat resistance. • b. Exceptional tensile strength coupled with excellent surface strength. • c. Superior resistance to a wide array of chemicals.
Features • Engineered to be acid resistant, odorless, moisture-repellent, and mold deterrent. • Exhibits low water absorption, maintaining integrity over time. • Designed for excellent food processing applications with a smooth, hygienic surface. • Highly processable, enabling effortless manufacturing and customization. • Unmatched resistance to acids, alcohols, and alkaline substances. • Demonstrates exceptional long-lasting durability and robust weather resistance. • Possesses heat-resistant properties suitable for diverse applications. Forming • Offers superb flexibility and resilience for versatile uses. • Cost-effective when compared to alternative marine solutions, ensuring value. • Minimal maintenance required, leading to long-term convenience and savings. • UV stable and built to withstand all weather conditions for extended performance.	





