



## PP INJECTION

### Description

Polypropylene injection refers to the process of using a thermoplastic material called polypropylene (PP) to create products by injecting it into a mold under heat and pressure. It is a widely used manufacturing technique for producing strong, flexible, and durable items such as packaging, auto components, and medical devices. The process involves melting the PP resin, forcing it into a mold, and then cooling it to form the desired part.

### Application

- **Car Bumpers:** Automotive exterior components.
- **Home Appliances:** Housings for electronics, washing machine parts, and kitchen appliances.
- **Plastic Crates:** Reusable storage and transportation crates.
- **Suitcases:** Rigid luggage shells.

GRADE	J360	J370	J560S	J570S	9928	7760	4826
MFR	14-22	30-40	14-22	23-33	28	60	23
DENSITY	0.85-0.95	0.85-0.95	0.85-0.95	0.85-0.95	0.85-0.95	0.85-0.95	0.85-0.95
TENSILE STRESS AT YIELD	250	250	260	260	230	250	30.5
FLEXURAL MODULUS	1200	1200	1150	1150	1311	1250	1241