



PP RANDOM

Description

Polypropylene random copolymer (PPR) is a thermoplastic material made by randomly incorporating ethylene monomers into a polypropylene chain, which disrupts its normal crystallinity. This results in a material with improved transparency, higher impact resistance, and better flexibility compared to regular polypropylene, making it ideal for applications like food packaging, bottles, and medical devices.

Application

- **Composite Pipes:** Multi-layer pipes for hot and cold water.
- **Drainage Pipes:** Chemical-resistant pipes for plumbing and drainage.
- **PPR Fittings:** Sockets, elbows, tees, and valves for piping systems.

GRADE	R200P	RP2400	R300	RP100	T4401
MFR	0,25	0,25	0,3	0,25	0,28
DENSITY	0,9	0,9	0,9	0,9	0,9
TENSILE STRESS AT YIELD	27	23	26	29	23
FLEXURAL MODULUS	900	850	830	900	660