

PP

PP PPH-T03

POLYPROPYLENE HOMOPOLYMER (PP)

A yarn-grade polypropylene homopolymer with excellent tensile properties and good processability, principally used in the production of woven plastic products. Products made from this resin are water-repellent and resistant to corrosion, mildew, and abrasion, giving them long service lives.

Typical Application

- Woven bags
- Colored stripe cloth for sunlight shading / covering use
- Carpet backing
- Container bags
- Tarpaulin
- Ropes
- Fishing nets

Product Characteristics

- Excellent tensile properties and good processability
- Water-repellent and resistant to corrosion, mildew, and abrasion
- Long service life in outdoor and industrial woven applications

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)		3 ± 0.5	g/10 min
Cleanliness (impurity count)		≤ 5	pieces/kg
Charpy Notched Impact Strength, cantilever beam (23°C)		≥ 39	J/m
Tensile Yield Strength		≥ 32	MPa
Isotacticity Index		≥ 96	%
Powder Ash		≤ 0.02	%

The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.