PP

PP PPH-MM70

POLYPROPYLENE HOMOPOLYMER (PP)

A very-high-melt-flow polypropylene homopolymer produced via a bulk (loop-reactor) polymerization process, engineered for thin-wall injection moulding. The resin is a high-crystallinity, low-density opalescent material that is particularly stable in water, with a 24-hour water absorption rate of only 0.01%.

Typical Application	International Compliance
• Fast-food boxes	• FDA
• Packing boxes	• RoHS
• Finishing boxes	• PAHs
• Cups	• SVHC
• Food containers	• CA Prop 65 (CP65)
• Automotive modified (compounded) materials base resin	

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Mass Flow Rate (230°C/2.16kg)	GB/T 3682.1-2018	70 ± 5	g/10 min
Tensile Yield Stress	GB/T 1040.2-2006	≥ 35	MPa
Flexural Modulus	GB/T 9341-2008	≥ 1500	MPa
Charpy Notched Impact Strength (23°C)	GB/T 1043.1-2008	≥ 1.8	kJ/m²
Heat Deflection Temperature (0.45 MPa load)	GB/T 1634.2-2019	≥ 90	°C
Density		0.90 - 0.91	g/cm³
Melting Point		164 - 170	°C

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.