

PP

PP PPB-M30

POLYPROPYLENE IMPACT (BLOCK) COPOLYMER (PP)

A polypropylene block (impact) copolymer resin with a high melt flow rate, formulated for demanding injection moulding of large, complex parts. The resin is a high-crystallinity, low-density milky-white material that is particularly stable in water, with a 24-hour water absorption rate of only 0.01%.

Typical Applications:

- Washing-machine internal and external parts
- Automotive interior parts
- 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	30 ± 4.0	g/10 min
Tensile Yield Stress	GB/T 1040.2-2006	≥ 22.0	MPa
Flexural Modulus	GB/T 9341-2008	≥ 1100	MPa
Charpy Notched Impact Strength (23°C)	GB/T 1043.1-2008	≥ 6.5	kJ/m ²
Heat Deflection Temperature (0.45 MPa load)	GB/T 1634.2-2019	≥ 90	°C
Density		0.90 - 0.91	g/cm ³
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.