PP

PP MN60

POLYPROPYLENE HOMOPOLYMER (PP)

High-melt-index homopolymer polypropylene produced by a loop-reactor process, characterized by high crystallinity, rigidity, strength, and modulus, together with good heat resistance and improved transparency. The grade is engineered for thin-wall injection molding, offering:

Typical Application	Product Characteristics
• Fast food boxes and disposable lunch boxes	• High crystallinity
• Packaging and sorting boxes	• High rigidity
• Cups and food containers	• High strength and modulus
• Household containers (e.g., yogurt cups)	• Good heat resistance
• Automotive modified/compounded materials	• Higher transparency

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)	GB/T 3682	60	g/10 min
Tensile Strength at Yield	GB/T 1040	36	MPa
Flexural Modulus	GB/T 9341	1800	MPa
Notched Izod Impact Strength (23°C)	GB/T 1843	1.5	kJ/m²
Ash Content	GB/T 9345	0.03	%
Isotactic Index	GB/T 2412	95	%

1. MN60 is produced at a different plant than M60T but is published as part of the same MFR-60 thin-wall injection homopolymer family (alongside M60T and MM60), sharing one typical-value datasheet across all three grade codes; grade-specific certificate of analysis is supplied per lot at order.
2. 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.