PP

PP MT75

POLYPROPYLENE RANDOM COPOLYMER (PPR)

This resin is a random copolymer polypropylene. With ethylene randomly distributed within the polypropylene chain segment, it delivers high transparency, good heat resistance, and processability for injection applications. The resin is especially suitable for the production of food containers and thin-wall cups.

Typical Application	Product Characteristics
• Food containers	• High transparency
• Milk-tea cups	• Heat resistance
• Thin-wall injection-moulded cups	• Good processability

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16 kg)		74.5	g/10 min
Tensile Strength at Yield		26.4	MPa
Flexural Modulus		1150	MPa
Charpy Notched Impact Strength (23°C)		5.3	kJ/m²
Charpy Notched Impact Strength (-20°C)		1.1	kJ/m²
Heat Deflection Temperature (0.4 MPa)		73	°C
Haze		13	%

1. 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.
2. The producer's quality index specifies melt flow rate of 75.0±5.0 g/10 min; the typical value of 74.5 g/10 min is consistent with this range and with the nominal grade designation.