



中国石化  
SINOPEC

## TECHNICAL DATA SHEET

Product Name: **Random Copolymer PP**

Product Grade: **PPR-MT75**

### Product Description:

PPR-MT75 is a random copolymer polypropylene. With the random distribution of co-monomer ethylene in polypropylene chain segment, PPR-MT75 has high transparency, good heat resistance and processability for injection application. The resin is especially suitable for the production of food container/thin wall cups.

### Physical Properties:

Typical performance index (Not Warranted Value)

Item	Unit	Quality Index	Typical Value
MFR (230°C, 2.16kg)	g/10min	75.0±5.0	74.5
Tensile Strength at yield	MPa	≥22.0	26.4
Flexural Modulus	MPa	≥800	1150
Charpy Notched Impact Strength (23°C)	kJ/m <sup>2</sup>	≥3.5	5.3
Charpy Notched Impact Strength (-20°C)	kJ/m <sup>2</sup>	As Reported	1.1
Load Deformation Temperature (Tf0.4)	°C	≥60	73
Haze	%	As Reported	13

### Product Characteristics:

- High Transparency
- Heat Resistance
- Good Processability

### Manufacturer:

Sinopec Zhongyuan Refinery

### Typical Applications:

- Food Container
- Milk Tea Cups