

# Sanren M800E (1st-grade)

Polypropylene Random Copolymer  
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with good transparency, high gloss. It is resistant to breakage, high temperature, with high rigidity and moisture inhibition. It is odorless.  
Scope of Application: Mainly for production of fodd grade small injection moulding parts and thin wall packaging products.

General Information			
Features	Moisture resistance		
	Rigidity, high		
	Highlight		
	Heat resistance, high		
	The smell is low to none		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
Uses	Thin wall packaging		
	Non-specific food applications		
Appearance	Colorless		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5 - 11	g/10 min	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 26.5	MPa	ASTM D638
Flexural Modulus	> 950	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 35	J/m	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 1.0	YI	Internal method
Additional Information			
Cleanliness: 6-10 pieces/kg			

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