

# Sanren M800EA (Premium-grade)

Polypropylene Random Copolymer

SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with high light transmittance and controllable rheological property, and antistatic performance, good mechanical properties and printability, excellent stress-fracture resistance, chemical stability and insulating characteristics. Scope of Application: Mainly for manufacture of food grade small injection moulding parts and thin wall packaging products.

General Information			
Additive	Antistatic property		
Features	High Light Transmission		
	High ESCR (Stress Cracking Resistance)		
	Excellent printability		
	Antistatic property		
	Controlled rheology		
	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)	6.0 - 10	g/10 min	Internal method
Ash Content		%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	81		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 26.0	MPa	ASTM D638
Flexural Modulus	> 700	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 39	J/m	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 130	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method
Additional Information			
Cleanliness: 0-5 pieces/kg			

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