

# Sanren M800E (On-spec.)

Polypropylene Random Copolymer

Technical Data			
Product Description			
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			
Material Status	•Commercial: Active		
Literature 1	• <a href="#">Technical Datasheet (English)</a>		
Search for UL Yellow Card	• <a href="#">SINOPEC Shanghai Petrochemical Co. Ltd.</a>		
Availability	•Asia Pacific		
Features	•Food Contact Acceptable	•High Heat Resistance	•Odorless
	•High Clarity	•High Rigidity	•Random Copolymer
	•High Gloss	•Moisture Resistant	
Uses	•Non-specific Food Applications	•Thin-walled Packaging	
Appearance	• Colorless		
Forms	• Pellets		
Processing Method	•Injection Molding		
Physical		Nominal ValueUnit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)		4.5 to 12g/10 min	Internal Method
Mechanical		Nominal ValueUnit	Test Method
Tensile Strength (Yield)		> 25.0MPa	ASTM D638
Flexural Modulus		> 850MPa	Internal Method
Impact		Nominal ValueUnit	Test Method
Unnotched Izod Impact (23°C)		> 25J/m	Internal Method
Optical		Nominal ValueUnit	Test Method
Yellowness Index		< 3.0YI	Internal Method
Additional Information			
Cleanliness: 11-20 pieces/kg			

## Notes

- <sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.
- <sup>2</sup> Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

**SINOPEC Shanghai Petrochemical Co. Ltd.**  
Shanghai, China  
**Telephone:** +86-21-5794-1941  
**Web:** <http://www.spc.com.cn/>

Distributor

Please contact the supplier to find a distributor for Sanren M800E (On-spec.)