# **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.

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Material Status	Commercial: Active		
Literature <sup>1</sup>	Technical Datasheet (English)		
Search for UL Yellow Card	SINOPEC Shanghai Petrochemical Co. Ltd.		
Availability	Asia Pacific		
Features	<ul> <li>Food Contact Acceptable</li> <li>High Clarity</li> <li>High Gloss</li> <li>High Rigidity</li> <li>Moisture Resistant</li> <li>Odorless</li> <li>Random Copolyr</li> </ul>		
Uses	<ul> <li>Non-specific Food Applications</li> <li>Thin-walled Packaging</li> </ul>		
Appearance	Colorless		
Forms	Pellets		
Processing Method	Injection Molding		

Physical	Nominal Value Unit	Test Method	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5 to 12 g/10 min	Internal Method	
Mechanical	Nominal Value Unit	Test Method	
Tensile Strength (Yield)	> 25.0 MPa	ASTM D638	
Flexural Modulus	> 850 MPa	Internal Method	
Impact	Nominal Value Unit	Test Method	
Unnotched Izod Impact (23°C)	> 25 J/m	Internal Method	
Optical	Nominal Value Unit	Test Method	
Yellowness Index	< 3.0 YI	Internal Method	
Additional Information			
Cleanlings: 11.20 pigeos/kg			

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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# Sanren M800E (On-spec.)

Polypropylene Random Copolymer SINOPEC Shanghai Petrochemical Co. Ltd.



# 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.)

(UL)

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