

Sanren M2500CD (1st-grade)

Polypropylene Homopolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with satisfied light transmittance and controllable rheological property, good mechanical properties and gamma-ray resistance as well as heat resistance.
Scope of Application: Mainly as special material for medical injection tube with gamma-ray resistance and other similar use.

General Information			
Features	Homopolymer		
	Anti-gamma radiation		
	Controlled rheology		
	Heat resistance, medium		
Uses	Pipe fittings		
	Medical/nursing supplies		
Appearance	Colorless		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21 - 29	g/10 min	Internal method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	76		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 18.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 18	J/m	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 143	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method
Additional Information			
Cleanliness: 6-10 pieces/kg			

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Recommended distributors for this material

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