

Sanren Y600 (1st-grade)

Polypropylene Homopolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with good strength, good resistance to abrasion, excellent chemical stability, as well as fairly good heat-resistance.
Scope of Application: Slit fibre for rope/string or knitting and small size injection moulding

General Information	
Features	Homopolymer
	Good strength
	Good wear resistance
	Heat resistance, medium
Uses	Rope
	Fiber
Appearance	Colorless
Forms	Particle
Processing Method	Extrusion
	Fiber (spinning) extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5 - 7.5	g/10 min	Internal method
Ash Content		%	
Fish Eye			
400.0 μm	16.0 - 25.0	pcs/1520 cm ²	
800.0 μm	4.00 - 5.00	pcs/1520 cm ²	
Isotacticity	> 96	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 30.9	MPa	ASTM D638
Flexural Modulus	> 1300	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	< 4.0	YI	Internal method
Additional Information	Nominal Value	Unit	

Cleanliness: 6-10 pieces/kg

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