

# Sanren Y3700C (Premium-grade)

Polypropylene Homopolymer  
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with controllable rheological property, good spinnability , as well as fairly good heat-resistance.

Scope of Application: super-fine denier fabrics

General Information			
Features	Homopolymer		
	Controlled rheology		
	Heat resistance, medium		
Uses	Fabric		
Appearance	Colorless		
Forms	Particle		
Processing Method	Fiber (spinning) extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	31 - 43	g/10 min	Internal method
Chlorine Content		%	
Ash Content		%	
Fish Eye			
400.0 μm	0.00 - 20.0	pcs/1520 cm <sup>2</sup>	
800.0 μm	0.00 - 4.00	pcs/1520 cm <sup>2</sup>	
Isotacticity	> 95	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 32.0	MPa	ASTM D638
Flexural Modulus	> 880	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 17	J/m	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 151	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method
Additional Information	Nominal Value	Unit	

Cleanliness: 0-5 pieces/kg

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