

Sanren T300 (Premium-grade)

Polypropylene Homopolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with satisfied strength, abrasion performance and chemical stability, as well as fairly good heat-resistance.
Scope of Application: Flat fibre and small injection moulding.

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

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.4 - 3.6	g/10 min	Internal method
Chlorine Content		%	
Ash Content		%	
Fish Eye			
400.0 µm	0.00 - 15.0	pcs/1520 cm ²	
800.0 µm	0.00 - 3.00	pcs/1520 cm ²	
Isotacticity	> 96	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 32.8	MPa	ASTM D638
Flexural Modulus	> 1350	MPa	Internal method

Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 29	J/m	Internal method

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 150	°C	Internal method

Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method

Additional Information	Nominal Value	Unit
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Cleanliness: 0-5 pieces/kg

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