

Sanren T300 (On-spec.)

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)	2.0 - 4.0	g/10 min	Internal method
Ash Content		%	
Fish Eye			
400.0 μm	36.0 - 55.0	pcs/1520 cm ²	
800.0 μm	9.00 - 15.0	pcs/1520 cm ²	
Isotacticity	> 96	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 30.0	MPa	ASTM D638
Flexural Modulus	> 1200	MPa	Internal method

Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 20	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
Cleanliness: 11-18 pieces/kg		

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Recommended distributors for this material

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