Sanren F200 (On-spec.)

Polypropylene Homopolymer

SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with relatively high light transmittance, excellent mechanical performance. Stress-fracture resistance, chemical stability and relative low heat-sealing temperature.
Scope of Application: BOPP film

General Information			
Features	High Light Transmission Low temperature heat sealability High ESCR (Stress Cracking Resistance) Homopolymer		
Uses	Bi-axially Oriented Film		
Appearance	Colorless		
Forms	Particle		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.3 - 2.7	g/10 min	Internal method
Ash Content		%	
Fish Eye			
400.0 µm	21.0 - 30.0	pcs/1520 cm^2	
800.0 µm	3.10 - 5.00	pcs/1520 cm^2	
Isotacticity	> 95	%	
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	> 138	°C	Internal method
Optical	**Nominal Value**	**Unit**	**Test Method**
Yellowness Index	< 4.0	YI	Internal method
Additional Information	**Nominal Value**	**Unit**	

Cleanliness: 11-20 pieces/kg

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