# 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

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     Melt Mass-Flow Rate (MFR) (230°C/2.16   %     kg)   1.3 - 2.7   g/10 min     Ash Content   %   %     Fish Eye   1.3 - 0.0   pcs/1520 cm²     400.0 µm   21.0 - 30.0   pcs/1520 cm²     800.0 µm   3.10 - 5.00   pcs/1520 cm²     Isotacticity   > 95   %     Mechanical   Nominal Value   Unit     Tensile Strength (Yield)   > 30.0   MPa     Flexural Modulus   > 1200   MPa	Test Method
High ESCR (Stress Cracking Resisters)     Homopolymer     Luses   Bi-axially Oriented Film     Appearance   Colorless     Forms   Particle     Processing Method   Extrusion     Physical   Nominal Value   Unit     Melt Mass-Flow Rate (MFR) (230°C/2.16)   1.3 - 2.7   g/10 min     Appear   1.3 - 2.7   9/10 min     Au0.0 µm   21.0 - 30.0   pcs/1520 cm <sup>2</sup> 400.0 µm   1.0 - 5.00   pcs/1520 cm <sup>2</sup> Au0.0 µm   21.0 - 30.0   pcs/1520 cm <sup>2</sup> Au0.0 µm   3.10 - 5.00   Moreaneiter     Fish Eye   ys   %     Isotacticity   > 95   %     Isotacticity   > 30.0   MPa     Tensile Strength (Yield)   > 30.0   MPa     Fietural Modulus   > 1200   MPa	Tech Maked
HomopolymerUsesBi-axially Oriented FilmAppearanceColorlessFormsParticleProcessing MethodExtrusionPhysicalNominal ValueUnitMelt Mass-Flow Rate (MFR) (230°C/2.16' kg)1.3 - 2.7g/10 minAsh Content%%400.0 µm21.0 - 30.0pcs/1520 cm²400.0 µm3.10 - 5.00pcs/1520 cm²800.0 µm3.10 - 5.00Moriant CallIsotacticity> 95%MechanicalNominal ValueUnitFersile Strength (Yield)> 30.0MPaFlexural Modulus> 1200MPa	
Uses   Bi-axially Oriented Film     Appearance   Colorless     Forms   Particle     Processing Method   Extrusion     Physical   Nominal Value   Unit     Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)   1.3 - 2.7   g/10 min     Ash Content   %   1.3 - 2.7   %     Ash Content   1.3 - 2.7   g/10 min   1.0 - 30.0     Ash Content   1.3 - 0.30.0   pcs/1520 cm²   1.0 - 30.0     A00.0 µm   21.0 - 30.0   pcs/1520 cm²   1.0 - 30.0     Isotacticity   > 95   %   1.0 - 30.0     Isotacticity   > 95.0   %   1.0 - 30.0     Isotacticity   > 30.0   MPa   1.0 - 30.0     Isotacticity   > 95.0   %   1.0 - 30.0     Isotacticity   > 30.0   MPa   1.0 - 30.0     Isotacticity   > 30.0   MPa   1.0 - 30.0     Isotacticity   > 30.0   MPa   1.0 - 30.0	Tech Maked
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Mechanical Nominal Value Unit   Tensile Strength (Yield) > 30.0 MPa   Flexural Modulus > 1200 MPa	
Tensile Strength (Yield) > 30.0 MPa   Flexural Modulus > 1200 MPa	
Flexural Modulus > 1200 MPa	Test Method
	ASTM D638
Impact Nominal Value Unit	Internal method
	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	
Yellowness Index < 4.0 YI	Test Method
Additional Information Nominal Value Unit	Test Method

Cleanliness: 11-20 pieces/kg

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