

Sanren Y180L (1st-grade)

Polypropylene Homopolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with good mechanical performance, stress-fracture resistant, excellent chemical stability, as well as high resistance to ultra-violet

Scope of Application: Slit fibre for rope/string or knitting.

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Homopolymer		
	Good UV resistance		
Uses	Rope		
	Fiber		
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 - 2.3	g/10 min	Internal method
Ash Content		%	
Fish Eye			
400.0 µm	21.0 - 40.0	pcs/1520 cm ²	
800.0 µm	5.00 - 8.00	pcs/1520 cm ²	
Isotacticity	> 95	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 31.0	MPa	ASTM D638
Flexural Modulus	> 1300	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 24	J/m	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 145	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method
Additional Information	Nominal Value	Unit	

Cleanliness: 6-10 pieces/kg

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Recommended distributors for this material

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