

Sanren F800EPS (Premium-grade)

Polypropylene Random Copolymer

SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is colourless and in the shape of a cylinder with high light transmittance, good mechanical performance and printability, stress-fracture resistant, excellent chemical stability, as well as fairly good heat-resistance.

Scope of Application: Casting film

General Information			
Features	High Light Transmission		
	High ESCR (Stress Cracking Resistance)		
	Excellent printability		
	Heat resistance, medium		
	Random copolymer		
Uses	cast film		
Appearance	Colorless		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 - 10	g/10 min	Internal method
Chlorine Content		%	
Ash Content		%	
Fish Eye			
400.0 µm	0.00 - 10.0	pcs/1520 cm ²	
800.0 µm	0.00 - 1.00	pcs/1520 cm ²	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 22.0	MPa	ASTM D638
Flexural Modulus	> 520	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 52	J/m	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 116	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Gloss	> 85		Internal method
Haze	< 1.8	%	Internal method
Yellowness Index	< 4.0	YI	Internal method
Additional Information	Nominal Value	Unit	
Cleanliness: 0-5 pieces/kg			

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