

Sanren M700R (Premium-grade)

Polypropylene Copolymer
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The pellet product is ivory white and in the shape of a cylinder with satisfied strength, high abrasion and impact resistance, high stress-fracture resistance,excellent chemical stability and insulating characteristics as well as fairly good heat-resistance.

Scope of Application: Automobile parts, battery casing, household electric appliance parts.

General Information			
Features	Block Copolymer		
	High ESCR (Stress Cracking Resistance)		
	Impact resistance, high		
	Good strength		
	Good wear resistance		
	Heat resistance, medium		
Uses	Battery box		
	Home appliance components		
	Application in Automobile Field		
Appearance	White		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 - 8.0	g/10 min	Internal method
Chlorine Content		%	
Ash Content		%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 24.5	MPa	ASTM D638
Flexural Modulus	> 1100	MPa	Internal method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 78	J/m	Internal method
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -32.0	°C	Internal method
Vicat Softening Temperature	> 150	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	Internal method
Additional Information			
Cleanliness: 0-5 pieces/kg			

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