

Sanren Q280 (On-spec.)

Low Density Polyethylene
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The oblate pellet product is colourless with excellent chemical stability. Under the normal conditions, the product is acid resistant, alkali resistant and salt resistant. It possesses certain mechanical properties and light transmittance.
Scope of Application: light-duty film, Laminated film and small size injection mouldings.

General Information			
Features	Low density		
	Homopolymer		
	alkali resistance		
	acid resistance		
Uses	Films		
	Laminate		
Appearance	Colorless		
Forms	Particle		
Processing Method	Blow molding		
	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	Internal method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.4 - 3.2	g/10 min	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 11.0	MPa	Internal method
Tensile Elongation (Break)	> 550	%	Internal method
Optical	Nominal Value	Unit	Test Method
Haze	< 12	%	Internal method
Additional Information	Nominal Value	Unit	
Blocking	0.0400	MPa	
Fish Eye			
0.300 to 2.00mm	pcs/1200 cm ²		
Linking: 0.500 to 2.00mm	pcs/20 cm ²		
Hue			
Impurities (> 100.0 μm)	pcs/100 g		
Streaks	B		
Cleanliness: <20 pieces/kg			

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