

# Sanren N150 (1st-grade)

Low Density Polyethylene  
SINOPEC Shanghai Petrochemical Co. Ltd.

Message:  
The oblate pellet product is colourless with excellent chemical stability, certain mechanical and water proof characteristics and air permeability.  
Scope of Application: Agricultural film.

General Information			
Features	Low density		
	Homopolymer		
Uses	Films		
	Agricultural application		
Appearance	Colorless		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	Internal method
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1 - 1.9	g/10 min	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 12.5	MPa	Internal method
Tensile Elongation (Break)	> 550	%	Internal method
Optical	Nominal Value	Unit	Test Method
Haze	< 24	%	Internal method
Additional Information	Nominal Value	Unit	
Fish Eye			
0.300 to 2.00mm		pcs/1200 cm <sup>2</sup>	
Linking: 0.500 to 2.00mm		pcs/20 cm <sup>2</sup>	
Hue			
Impurities (> 100.0 μm)		pcs/100 g	
Streaks	B		
Cleanliness: <15 pieces/kg			

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