

# Sanren TB500

Polypropylene

SINOPEC Shanghai Petrochemical Co. Ltd.

Message:

The product is pellet in the shape of cylinder with two kinds of colour, one is ivory white (TB 500) and another is transparent (TB 500T). It has excellent impact strength, bending strength and gloss, good processability, dyeability and chemical stability.  
Scope of Application: Toothbrush handle and various kinds of impact and gloss injection mouldings.

General Information	
Features	Good Colorability Good Processability High Gloss High Impact Resistance
Uses	Toothbrush Handles
Appearance	White
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 to 6.0	g/10 min	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 35.0	MPa	ASTM D638
Flexural Modulus	> 1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	> 30	J/m	ASTM D256

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