



Plastics and Resins

[back to list](#)

Product Name:	Polypropylene Resin (Y3500)					
Trade Mark:	Sanren Brand					
Alternative Name:	?					
Molecular formula/Structural Formula:	□					
Production Process:	Liquid phase bulk polymerization process is used for production of the product. The polymer produced is of homo-polypropylene type.					
Properties:	The pellet product is colourless and in the shape of a cylinder with good strength, good resistance to abrasion, excellent chemical stability, as well as fairly good heat-resistance.					
Grade:	?					
National Standard Grade:	PPH-YL-425					
Enterprise Standard Grade:	Y3500					
Specifications:	Q/SH 012.07.06-1999 Polypropylene resin					
	No.	Item	Unit	Quality Criteria		
				Premium-grade	1st-grade	On-spec.
	1	Cleanliness	piece/kg <=	0-5	6-10	11-20
	2	Melt flow rate	g/10min	35.0(+/-8.0)	35.0(+/-8.0)	35.0(+/-13.0)
	3	Tensile yield strength	Mpa>=	32.8	31.0	30.4
	4	Outtrigger impact strength(23°C)	J/m>=	17	15	13
	5	Bending modulus	GPa>=	1.35	1.30	1.20
	6	Isotacticity	%(m/m)>=	96.0	96.0	96.0
	7	Ash	%(m/m)<=	0.01	0.02	0.03
	8	Chlorine content	%(m/m)<=	0.004	-	-
	9	Yellowness-index	<=	4	4	4
	10	Fish-eye	0.8mm	Piece/1520cm ²	0-4	5-8
			0.4mm	<=	0-20	21-40
					41-60	17108
Scope of Application:	Cegarrette filter fibre bundle and fine denier cotton type staple					
Major Applications:	?/textarea>					
¼Ö'¤·½'":	Spinning </td>					