

## Specification

**REF 09082**                      Visors for 2-piece safety goggles  
**REF 09081**                      Safety goggles / visors – yellow  
**REF 09431**                      Safety goggles / visors - pink

**Description:**                      This Polyester film is very clear, symmetrical, microroughness and antistatic coated designed for application requiring flawless appearance.

**Nominal thickness:**              96 – 125 – 165 – 175 microns

### Typical values:

PROPERTY	Unit	Test method	96	125	165	175
<b>YIELD</b> • Unit weight • Area yield	g/m m <sup>2</sup> /Kg		134.4 7.4	175 5.7	231 4.3	245 4.1
<b>OPTICAL PROPERTIES</b> • GARDNER Haze	%	ASTM D 1003	1.5	1.5	1.5	1.7
<b>MECHANICAL PROPERTIES</b> • Breaking strength • Elongation at break	daN/mm %	ASTM D 882	20.7 145	22 145	21.2 150	21.3 150
<b>SHRINKAGE</b> • 150°C 30mm MD • 150°C 30mm TD	% %	Internal method	1.6 0.3	1.6 0.6	1.6 0.5	1.7 0.5
<b>FLATNESS</b> • Test grading	1 to 5	Internal method	2	2	2	2
<b>SURFACE ROUGHNESS</b> • Rz roughness	nm	DIN 4768	170	170	150	150
<b>ANTISTATIC PROPERTIES</b> • Half decay time	s	Internal method	1	1	1	1

**Key features:**

- High dimensional stability
- Excellent flatness (controlled)
- High clarity to visual light and UV
- Good machinability due to microroughness on both sides
- Antistatic properties with anti-dust effect on both sides

**Application-Conversion:** All graphic arts applications requiring high quality appearance and antidust properties: Stationary, Montage

**Food Contact:** This Polyester film does not with the legal requirements of food contact legislation due to its specific antistatic treatment.

## Plastic and Resins

Product Name:	Polypropylene Resin(T300)																																																																																																		
Trade Mark:	Sanren Brand																																																																																																		
Alternative Name:																																																																																																			
Molecular formula/Structural Formula:	$\left[ \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} \right]_n$																																																																																																		
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 satisfied strength, abrasion performance and chemical stability, as well as fairly good heat-resistance.																																																																																																		
Grade:																																																																																																			
National Standard Grade:	PPH-T-022-A																																																																																																		
Enterprise Standard Grade:	T300																																																																																																		
Specifications:	Q/SH 012.07.06-1999 Polypropylene resin																																																																																																		
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Scope of Application:	Flat fibre and small injection moulding.																																																																																																		
Major Applications:																																																																																																			
Process Method:	Extrusion moulding and injection moulding.																																																																																																		
Packing:	Heavy duty PE film bag as inner packaging and PP woven bag as outer packaging. Each bag has a net weight of 25kg.																																																																																																		
Packing Size:	Converted dimension 550mm×850mm or big package.																																																																																																		
Storage:	The product should be stored in a dry, well ventilated warehouse. To avoid direct sunlight, the product should not be stored in the open air.																																																																																																		
Transportation:	By means of truck, vessel or train. During transportation, the product should not be exposed to the sunlight and rain. Neither should the product be mixed with contaminants. There should be no heavy bump or unloading by throwing the bags.																																																																																																		
Safety Precautions:	<ol style="list-style-type: none"> <li>1. By away from fire and heat sources.</li> <li>2. Should not be stored or transported together with chemicals and inflammables.</li> <li>3. Warehouse must be equipped with extinguishers or fire fighting device.</li> <li>4. Water, carbon dioxide, dry powder or 1211 can be used as extinguishers for the product.</li> </ol>																																																																																																		

Lensahn, 31.03.2017