



Seldenrod

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REFLECTIVE FILM ENGINEERING GRADE ACRYLIC TAPE

QTM7600

Feature: tearable, good extensibility, long service life, coated with glass beads, can be screen printed

Application: road traffic signs, can be used in bad weather

Service life: 7 years

Specification: 1.22m x 45.7m

Available color: white, yellow, red, green, blue, orange, black, brown

Other technical datas:

1. Surface Film: Acrylic Type
2. Thickness of film: 0.125mm, Thickness of Glue:0.03mm
 Thickness of Release Paper: 0.18mm , total thickness of products: 0.335mm
3. Weight of Release Paper: 160g/sqm
4. Type of Adhesive: Pressure-Sensitive Type
5. Strength of Adhesive: at the condition of 0.8kg, 5min, total length: 10cm, the falling Length≤ 2cm
6. Operation temperature: 10 °C---30 °C
7. Working temperature: -20°C--- 60°C
8. weight per sqm: 415g
9. Color chromaticity:
 Standard light source : D65 Observation condition: 45/0 Observation angle: 2 degree°

color	Color Chromaticity								Luminance Factor
	X	Y	X	Y	X	Y	X	Y	
White	0.350	0.360	0.300	0.310	0.285	0.325	0.355	0.375	≥0.27
Yellow	0.545	0.454	0.464	0.534	0.427	0.483	0.487	0.423	0.16---0.40
Red	0.690	0.310	0.658	0.342	0.569	0.341	0.595	0.315	0.03---0.10
Green	0.007	0.703	0.026	0.399	0.177	0.362	0.248	0.409	0.03---0.10
Blue	0.078	0.170	0.137	0.038	0.210	0.160	0.150	0.220	0.01---0.10

10. Coefficient of retroreflection

Observation Angle	Entrance Angle	White	Yellow	Red	Green	Blue
0.2	-4	80	55	14	9.0	4.0
	15	55	35	11	7.0	3.0
	30	30	22	6.0	3.5	1.5
0.33	-4	50	35	10	7.0	3.0
	15	45	20	8.0	5.0	2.0
	30	24	15	4.0	2.5	1.0
1	-4	5.0	3.0	2.0	1.0	0.6
	15	3.0	2.0	1.0	0.8	0.3
	30	2.0	1.5	0.6	0.4	0.2

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