

AASHTO M249-98**For White and Yellow Reflective Thermoplastic Material (Solid Form)**

Test Item	Specifications
1. Binder Content 树脂	18.0 % minimum
2. Glass Bead Content 玻璃珠	30 – 40 %
3. Titanium Dioxide Pigment Content (assuming >92% purity) 钛白粉	10.0 % minimum
4. Inert Filler Content 其他填充物	42 % maximum
5. Color Reflectance (@ 4hrs)	Y – 75 % minimum
6. Match FC Standard (@ 4hrs)	FCS 595B #17886 YI – 0.12 maximum
7. Water Absorption	0.5% maximum
8. Specific Gravity	2.15 maximum
9. Bond Strength	1.24 Mpa minimum
10. Low Temp Cracking Resistance	show no cracks
11. Impact Resistance	1.13 Joules minimum
12. Softening Point 软化点	102.5 ± 9.5 °C
13. Flowability (4 hrs)其他物质	18 % retained maximum
14. Extended Flowability (6 hrs)	28 % retained maximum
15. Flash Point	246 °C minimum
16. Drying Time	< 2 minutes @ 50 °F < 10 minutes @ 90 °F