

Technical date sheet									
Yellow Thermoplastic Road Marking Paint									
Test item		technical index				testing result	Single-item determination		
Density,g/cm		1.8~2.3				2.2	PASS		
Softening point, °C		90~125				107	PASS		
Coating appearance		After drying, there should be no wrinkles, spots, blisters, cracks, peeling or stuck-together phenomena.				nothing abnormal detected	PASS		
Non-stick tire drying time,min		≤3				3	PASS		
Color performance	Anti-reflection material - yellow	chromaticity coordinate		1	2	3	4	x=0.477 y=0.47	PASS
		x		0.545	0.487	0.427	0.465		
		y		0.454	0.423	0.483	0.534		
		The test results should fall within the range of the graph composed of the above four points (standard illuminant D ₆₅ , lighting observation condition 45/0, field of view angle 2°)							
		Brightness factor>0.27						0.54	PASS
compressive strength ,MPa	≥12				20	PASS			
abrasive resistance, mg (weight reduction after 200 revolutions per 1000g)	<80(UM-100 Rubber grinding wheel)				64	PASS			
water resisting property	There should be no abnormal phenomena after being immersed in water for 24 hours.				nothing abnormal detected	PASS			
alkali resistance	After being immersed in the saturated calcium hydroxide solution for 24 hours, no abnormal phenomena were observed.				nothing abnormal detected	PASS			
glass beads content,%	18~25				23	PASS			
fluidity,s	35+/-10				42	PASS			
Low-temperature crack resistance of the coating	Keep at -10°C for 4 hours and at room temperature for 4 hours as one cycle. After three consecutive cycles, there should be no cracks				nothing abnormal detected	PASS			
Heating stability	When kept at 200°C to 220°C under stirring for 4 hours, there should be no obvious yellowing, caramelization or caking				nothing abnormal detected	PASS			