

Technical date sheet

Hot-melt ordinary type white road marking paint								
Test item		technical index					testing result	Single-item determination
Density .g/cm		1.8~2.3					2.2	PASS
Softening point, ℃		90~125					121	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	Common material - white	chromaticity coordinate	1	2	3	4	x=0.317 y=0.336	PASS
		x	0.350	0.300	0.290	0.340		
		y	0.360	0.310	0.320	0.370		
		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>0.75					0.8	PASS
compressive strength ,MPa	≥12					22	PASS	
abrasive resistance, mg (weight reduction after 200 revolutions per 1000g)	≤80(JM-100 Rubber grinding wheel)					56	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	
fluidity,s	35+/-10					40	PASS	
Low-temperature crack resistance of the coating	Keep at -10℃ 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℃ to 220℃ under stirring for 4 hours, there should be no obvious yellowing, caramelization or caking					nothing abnormal detected	PASS	