

KIWALITE

Technical Bulletin
No.KTD-13171-02

Properties of Fleet Marking Grade #17000 Series

**KIWA CHEMICAL INDUSTRY CO.,LTD.
FILM DIVISION**

Test Item			KIWALITE #17000		Remarks		
			#17013(W)	#17043(Y)			
Reflective Intensity	O.A.	E.A.			Minimum Reflective Intensity		
	0.2°	-4°	122.2	79.0		70	50
		+30°	71.8	43.3		30	22
	0.5°	-4°	57.7	39.0		30	25
		+30°	47.5	21.4		15	13
	2.0°	-4°	7.9	6.3		1.7	1.2
		+30°	6.4	4.4		1.4	1.0
	Chromaticity	Y		43		26	
x		0.311	0.503				
y		0.334	0.483				
Specular Gloss (60°)			90	88			
Physical Property	Elongation (%)		133	128	Condition: 20℃×60%RH Distance between jaws: 100mm		
	Tensile Strength (N/cm)		18.3	17.6			
Accelerated Weathering (Sunshine Weather-o-meter, 1500 hours)	Reflective Intensity (O.A.=0.2° E.A.= -4°)		84.8	66.2	Black panel temperature: 63±3℃ Water spraying cycle: 18min/120min		
	Chromaticity	Y	41	25			
		x	0.302	0.493			
		y	0.327	0.482			
	Specular Gloss (60°)		89	78			