
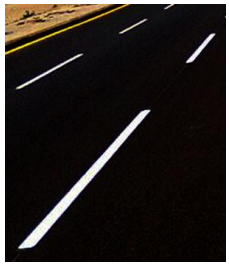


Material Composition:

	Binder:	18-22%	
	Titanium Dioxide Pigment	10%(Min) for AASHTO M249 N/A for BS & M.O.T Specs	
	Pre-Mix Glass Beads	30% for AASHTO M 249 30% for AASHTO M 249	

No	TEST REQUIREMENTS	AASHTO M249 SPEC N	BS 3262 1989 Part 1	Typical Results
1	Softening Point. After heating the thermoplastic material for four hours @ 218°C.	102.5±9.5°C	95°C	103°C
2	Density (Specific Gravity)	2.15 (max)	Approx 2.0 G/cc	1.99 g/cc
3	Flash Point C.O.C. **			240 C+
4	Initial Luminance		70%	82%
5	Luminance – Heat Stability		65%	78%
6	Day Light Reflectance – After 4 hrs heat @ 218°C and cooled to 25°C +2°C	75% (Min)		78%
7	Drying Time @ Air Temp. 10±2°C Drying Time @ Air Temp. 32±2°C	2 min (Max) 10 min (Max)		1 min 3 min
8	Bond Strength	180 psi (Min)		220 psi
9	Cracking Resistance (Low Temp)	No Crack		No Crack
10	Impact Resistance	10 in/lb (min)		18 in/lb
11	Flow ability - % Residue	18% (max)		12%
12	Flow ability after extended heating % Residue	28%		17%
13	Flow Resistance		25% (max)	1%

\*\* Flash Point carried out as a routine test to ensure safe handling and melting during pre-heater and spraying operation.

\*\* Reda White Paint can also be produced to any required specifications. Non standard colors are also available upon request.