

TECHNICAL DATA SHEET

Road Marking Thermoplastic Paint

PROUDUCT

Road Line Marking Thermoplastic Paint B.S 3262

Manufacturer

ROAD LINE FACTORY

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Description and Uses:

- Retroreflective Thermoplastic paint road marking material with excellent whiteness and Yellowness conforms to B.S 3262 standards
- Based on aliphatic chemistry, offer superior weathering resistance and color stability
- Intermix glass beads offer long lasting retro reflectivity
- Excellent wear resistance and adhesion on asphalt roads
- Suitable for application with manual or screed / extrusion automatic machines

TECHNICAL DATA:

| Composition | White | Yellow |
|------------------------|------------------------------|--------------------|
| Binder | Min. 18 % | Min. 18 % |
| Glass Beads (Intermix) | Min. 20-25 % | Min. 20-25 % |
| Pigment | Titanium Dioxide Min. 6 % | Lead chromate <5 % |
| Fillers | Max 42% | Max 42% |
| Softening Point | 93°C-105°C | 93°C-105°C |
| Yellow Index | • | Not more than 0.12 |
| Drying time | Max. 10 Minutes | Max. 10 Minutes |
| Daylight LuminNCE@45° | Min 70% | Min 50% |

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Physical Properties:

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|-------------------|-----------------------------------|
| • Appearance | Powder |
| • Color | White / Yellow |
| • Flash point | above 235° C |
| • Skid resistance | > 45 |
| • Density | 1.90-2.10 gm / cm |
| • Storage Life | one year under ambient conditions |

Application:

- Heat the material to 180°-200°C in the pre-heater with adequate agitation till it becomes homogenized liquid
- Ensure that the road surface is clean and free from dust and moisture
- Heavy deposits of paint require removal
- It can be applied by special spraying machines, screeding and extrusion machines
- Thermoplastic paint can be applied on asphalt or concrete

Safety information

- Minimize dusting of the material during using
- Use of personal protective equipment like facemask, goggle, heat resistant gloves and protective clothing while handling the material is recommended
- Do not inhale product or fumes, do not ingest
- Avoid eye contact, if contacted, wash copiously with water
- Contact of molten product could lead to thermal burn, flush with cold water, do not remove material as it could lead to severe tissue damage

Storage:

- Stored in a cool, dry and covered place