



TECHNICAL DATA SHEET

PRODUCT BRAND- PREFORM

PRODUCT TYPE- PREFORMED THERMOPLASTIC

FUNCTION- A SIMPLE APPLICATION, BY USE OF ONLY A HAND TORCH, FOR A DURABLE, RETROREFLECTIVE, PERMANENT ROAD MARKING.

DESCRIPTION- PREFORM IS MELTED THERMOPLASTIC WHICH IS FORMED INTO ALL MUTCD (Manual on Uniform Traffic Control Devices) LINES, SYMBOLS, AND LEGENDS, INCLUDING VARIOUS CITY, COUNTY, AND STATE DESIGN SPECIFICATIONS. ALSO AVAILABLE FOR CUSTOM MARKINGS.

FLEXIBILITY- MATERIAL IS FORMULATED FOR FLEXIBILITY IN SHIPPING AS WELL AS COLD TEMPERATURE HANDLING.

APPEARANCE- MATERIAL IS SUPPLIED WITH PRE-DISPERSED REFLECTIVE BEADS AND HIGH FRICTION PARTICLES, AS NECESSARY. MATERIAL COMES IN WHITE, LEAD FREE YELLOW, BLUE, BLACK, GREEN, RED, AND VARIOUS OTHER CUSTOM COLORS. HEAT INDICATORS WILL BE PRESENT UNTIL MATERIAL HAS FULLY MELTED AND IS IN A MOLTEN STATE WHEREBY IT IS ABLE TO BOND PROPERLY.

SHELF LIFE- 2 YEARS FROM MANUFACTURE DATE WHEN STORED PROPERLY AND IN ORIGINAL PACKAGING.

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>TYPICAL</u>
BINDER CONTENT	ASTM D4797	20% MIN.
BEAD CONTENT	ASTM D4796	30-50
WHITE REFLECTANCE	ASTM E1349	80 MIN.
YELLOW REFLECTANCE	ASTM E1349	45 MIN.
COLOR- WHITE	ASTM E1349	595B #17886
YELLOWNESS INDEX	ASTM E313	0.08 MAX.
COLOR- YELLOW	ASTM E1349	595B #13538
BOND STRENGTH	ASTM 4796	300 PSI MIN.
SKID RESISTANCE	ASTM E 303	45 min. BPN
MANDREL BEND TEST	ASTM D 522 METHOD B	PASS
TENSILE STRENGTH	ASTM D 638	250 PSI MIN.
RETROREFLECTIVITY	ASTM E 1710	WHITE- 450 MIN., YELLOW- 250 MIN.
THICKNESS	(Calipers)	90 MILS and 125 MILS

PREFORM, LLC warrants our preformed thermoplastic pavement marking product, unless otherwise specified, to the original buyer against material defects in the manufacture of the product for a period of one year from the date of delivery of the goods. Where it appears to the Seller's satisfaction that the defect was present at the time of delivery of the goods, Seller's sole obligation under this warranty is, at its option, to repair the defective product or to provide replacement material. This warranty does not apply to items that have been stored or installed improperly, altered, or subjected to misuse or negligence. Should a product prove to be defective or unsuitable in anyway, it is understood that the Seller's limit of liability for all damages, including but not limited to, direct, incidental, or consequential injury, loss or damage arising out of the use of or the inability to use the product, shall be to repair the defective product or to provide an equivalent quantity of replacement product. PREFORM LLC produces preformed thermoplastic designed for use on parking lots, roadways, highways, airports, and any other surfaces generally used for vehicle transportation purposes. Before using any product from the Manufacturer and Seller, the Buyer shall determine the suitability of the product for the intended use and the Buyer assumes all risk and liability whatsoever in connection therewith.