

RE: Review of Urban Plastics Flexible Guide Post Traffic Delineator (Black & White)

PRODUCT

The Urban Plastics Flexible Guide Post Delineator is fabricated using a linear low-density Polyethylene (LLDPE) Novalpol resin product produced by Nova Chemicals. The Urban Plastics flexible delineator post is manufactured by Urban Plastics Inc. located in Edmonton, Alberta and the master distributor of this product is Alberta Traffic Supply located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Urban Plastics have performed impact tests at 100 km/hr on the flexible guide post delineator (no tests have been conducted at -33°C at this time). The grade of polyethylene virgin resin used by Urban Plastics Inc. has a brittleness temperature exceeding -60°C when lab tested by Nova Chemicals. The delineator post is treated with Ultra-Violet stabilizers designed to enhance weatherability.

DESCRIPTION

The Urban Plastics Flexible Guide Post Delineator is a single wall hollow post comprised of two sections joined by the butt fusion welding technique. The main body of the post is white in color with a length of not less than 1.42m and the black top portion with a length of not less than 250mm. The total length of the post is 1.67m with a diameter of 90mm OD and a wall thickness of 3.7mm.

POTENTIAL USAGE

The Urban Plastics Guide Post is fabricated to be used as a flexible guide post traffic delineator. Urban plastics Inc. warrants its flexible guide post delineators of any manufacturing defects for a period of one year from the date of manufacture.

STANDARDS

ASTM D 4956 Retroreflective Sheeting for Traffic Control

ALBERTA TRANSPORTATION COMMENTS

EXPIERENCE

Alberta Transportation uses flexible guidepost traffic delineators conforming to Standard Specifications for Highway Construction, Specification 5.28 Supply Flexible Guide Post Traffic Delineators.

APPLICATION STANDARDS

The Alberta Transportation Specification for Flexible Guide Post Traffic delineators is as follows:

Standard Specification for Highway Construction, Specification 5.28 Supply Flexible Guide Post Traffic Delineators.

RECOMMENDATIONS

Urban Plastics Flexible Guide Post Delineator should be listed as a Proven Product under Alberta Transportation's Products List, Traffic Control Devices – Flexible Guide Post Traffic Delineators, Traffic Delineators – Proprietary based on the information provided.

TRIAL PROJECTS

Junction of highway 2 and 7.

Joe Filice

cc New Product Evaluation Standing Committee – Terry Willis
 Moh Lali/Richard Chow
 Sal Hasham