

POLIRTEC G

APPLICATION:

POLIRTEC G is a polyolefin used for reducing thermal susceptibility and increasing mechanical resistance of Hot Mix Asphalts.

POLIRTEC G is ideal for high performances asphalt pavements especially designed for high and heavy traffic roads or surface (for example: parking areas, airports runways and aprons, buses lanes, etc.) or for pavements under extreme climate conditions (extremely high or low temperatures).

POLIRTEC G is used in pavements made with closed or semi-open asphalt mixes granulometry gradation. It reduces rutting problems and increase cohesion of and flexibility of asphalts concretes.

DOSAGE:

Dosage varies from 4% to 8% w/w on bitumen employed on asphalt mix.

POLIRTEC G is introduced in the asphalt concrete during the mixing phase. It is introduced inside the mixer of the plant at the same time or after the bitumen inlet. It is suggested to increase the mixing time in 10-15 seconds in order to achieve the best dispersion of the product within the mix concrete. The working temperature remains the same as for normal hot mix asphalt. Automatic dosage systems are available under request.

CHEMICAL FAMILY:

POLIRTEC G is a compound of polymers types Ethyl Vinyl Acetate (EVA) and Low Density Polyethylene (LDP).

PHYSICAL AND CHEMICAL PROPERTIES:

Visual Aspect	black pellets
Dimension (diameter) (mm)	2 - 4
Bulk density (Kg/dm ³)	0,920 - 0,970
Melting point (°C)	110 - 115
Pour point (2,16 kg, g/10min)	0,45 - 0,70

STORAGE:

Store at room temperature in closed bags. Avoid moisture.

PACKAGE:

POLIRTEC G is delivered in 1200 kg big bags.

SAFETY:

Not dangerous (According to EEC Directives)

For further information see the Safety Sheet.

The information contained herein is indicative only and without express guarantee. As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse.