

# POLYCYKLE PB25

## DESCRIPTION AND COMPOSITION

POLYCYKLE PB25 is a polymer, plastomer polyolefin base produced with a selected mixture mainly composed of PELD and PP able to modify the characteristics of the bituminous mix directly during the production phase.

It allows to achieve high increases in the physical and mechanical characteristics of the mix without changing the production parameters. The polymers used in the PB25 and the pellet / granule format are specifically structured to allow easy dispersion and mixing already at the normal production temperatures of the bituminous conglomerate

## APPLICATION

POLYCYKLE PB25 can be used on any bituminous conglomerate (base, binder, wear layer)

<i>Asphalt Mix</i>	<i>Stiffness Modulus E (MPa)</i>	<i>T (°C)</i>
<b>Mix 1 binder without PB25</b>	7432	20
<b>Mix 2 binder with PB25</b>	9673	20

  

<i>Asphalt Mix</i>	<i>Stiffness Modulus E (MPa)</i>	<i>Deformation n (µε)</i>	<i>Load (kPa)</i>	<i>Number of cycles</i>
<b>Mix 1 binder without PB25</b>	6221	148	450	13634
	6485	142	450	
<b>Mix 2 binder with PB25</b>	8276	111	450	49069
	8042	115	450	

