



MIX BITUMEN WITH POLYPROPYLENE

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PENERANGAN INOVASI

(Latarbelakang inovasi/cetusan idea/penyataan Masalah)

- Too many plastic waste that give hazardous to the nature
- Crack happens because lack of bitumen mixture
- innovating and improving the structure of road construction materials
- High demand of raw material

IMPAK INOVASI

(Kelebihan/Potensi pasaran/Sebarluas inovasi)

- Effectiveness of polypropylene mixture with bitumen when apply In pavement
- Polypropylene will strength the bitumen mixture in pavement
- Polypropylene have the benefit of saving money from low weight

OBJEKTIF

- To produce the bitumen with optimum percentage of additional polypropylene plastic.
- To test the strength of innovation bitumen by using penetration method and deducting method
- Analyze the comparison of ordinary bituminous properties and innovative bitumen

BLOK DIAGRAM/CARTA ALIR OPERASI

FLOW CHART DATA COLLECTION METHOD FOR MIXED BITUMEN

