SAFETY MINI PORTABLE SPEED HUMP

PRODUCT DESCRIPTION
An innovation to a speed hump by using recycled waste (nitrile glove)

PROBLEMS STATEMENT
A recycled nitrile from nitrile glove use to create a RGLO-Hump as a cheaper option to a virgin rubber.

PRODUCT ADVANTAGES
✓ SAFETY (PROTECTION FROM INJURY)
✓ CHEAPER (COMPAARED COMMERCIAL PRODUCT)
✓ DURABLE
✓ LESS HAZARDOUS CONTENT & PROCESS

NOVELTIES
- ENVIROEMENTAL FRIENDLY
- IMPROVE IN PROPERTIES
- CAN BE MOLDED ACCORDING TO DESIRABLE DESIGN
- SAFETY
- SAVE COST

PROCESS FLOW
- Pre-blended rubber by formulation
- Molding by ASTM D3379-09 (2009) using two cavity at room temperature
- Cure characteristics by ASTM D383-07 (2007) using formula (SM)
- Conforms to final test at 150°F according to US

PRODUCT PERFORMANCES
- Density, Absorption and Voids in Hardened Concrete (g/cc/lin)
  - ASTM C682: 0.9-1.2, 1.1-1.3, 1.2-1.6

- Tensile Strength (Mpa)
  - ASTM D412: 3.4-3.8, 3.5-4.0, 3.8-4.5

- Hardness
  - ASTM D2240: 51-56, 58-63, 65-75

POTENTIAL APPLICATION
- PARKING LOTS AREAS
- PRIVATE ROADS
- LOW SPEED RESIDENTIAL STREET
- INDUSTRIAL AREAS

INDUSTRIAL COLLABORATION
HJAUAN TEGAS SDN. BHD