WASTE TYRE

Presentation by

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what is a common sight anywhere?
Contents of the Data Base we offer

Rubber Recycling

Technology, Product, Applications, Patent, Consultants, Company Profiles, Reports, Market

Primary Information Services

Project @ a Glance

• Rubber recovery can be a difficult process. There are many reasons, however why rubber should be reclaimed or recovered; Recovered rubber can cost half that of natural or synthetic rubber. Recovered rubber has some properties that are better than those of virgin rubber.

Contents on the CD Rom

General

• A history of rubber recycling
• Recycling of Rubber
• Recycled Rubber Business
• Brief History & Introduction of Rubber

Equipments Suppliers

• Armex Inc
• Environmental Protection Equipment Co., Ltd.
• Charles Lawrence
• Tire Recycling equipment suppliers List
Tyre Oil
Processing used tires, Technology sources, Research Institutions, Project Information
Primary Information Services

Information @ a Glance
- Pyrolysis is the thermal degradation of materials containing carbon. The process is carried out usually at temperatures in the range of 400°C to 600°C in an atmosphere in which oxygen is very limited or excluded to preclude combustion. The products of pyrolysis include gas, liquids and solid char.
- Three commercially important pyrolysis by-products from vehicle tires are liquid oil, solid char, and exhaust gas.
- A typical passenger car tire contains 24-28 percent of carbon black, 40-48 percent of natural rubber (NR) and 36-39 of synthetic rubber including (styrene butadiene rubbers).

Contents on the CD Rom
General
- Scrap Tyres - FAQ
- Greenhouse gas emission factors
- Tires to Diesel
- Compositional Analysis

Process
- Pyrolysis of scrap tires - Process variables

Company profiles & Consultants
- Renewable Energy Company
- Tyre Recycling Consultants
- Technology Company in the US
- Technology Company - Malaysia
- North American Company
- USA Technology Company
- The UK was sending massive shipments of discarded tyres to India instead of recycling them on its own soil.

- The exports were reaching Indian factory units that turned them into tyre-derived fuel, mostly tyre pyrolysis oil which is used to reprocess tyres into fuel gas, solid residue (char) and low-grade carbon black.

- Retreading was a thing of the past which is no longer done in the metros by the organized market.

- The use of CRMB, recommended by the Union Ministry of Road Transport and Highways is the best options
CRUMB RUBBER MODIFIED BITUMEN (CRMB)

The best option?
Rubber mulch system

The whole rubber milling line

LIKE Tire Recycling collection and processing facilities convert automobile, truck, off-road tires even OTR tires into innovative and useful products.
QUESTIONS?

MAILTO:PRIMARYINFO@GMAIL.COM