

Definition

Green Rubber: devulcanized rubber compound made using the patented DeLink process.

DeLink Process: a breakthrough technology that enables sulfur vulcanized rubber to be devulcanized into a compound which retains a significant percentage of its original physical and dynamic properties and can be revulcanized on its own or blended with virgin rubber compounds to produce a wide variety of rubber products. The devulcanizing process is a simple, cost effective, and environmentally friendly process that uses standard rubber processing equipment.

GREEN RUBBER PRODUCT CATALOG

PRODUCT CATOLOG

Products: Green Rubber Substitution

Last Updated: 6th June 2008

Number of Pages: 10



Sample

Item: Timberland Boots Sole

Manufacturer: Timberland

Replacement

Ratio: 90:10 (GR:OC)
Source Material: 40 # Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Moulding
Date: June 2008





Sample

Item: Timberland Shoe
Outer Sole (Trial)

Manufacturer: Timberland

Replacement

Ratio: 90:10 (GR:OC)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: 3 Colour Moulding

Date: June 2008





Sample

Item: Timberland Shoe (Trial)

Manufacturer: **Timberland**

Replacement

Ratio: (90:10 (GR:OC)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: June 2008





Sample

Item: Marine Fender (1ton)

Code:

Manufacturer: Malaysian

Replacement

Ratio: **50:50 (OC:GR)**

Source Material: 40 # Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Autoclave Moulding

Date: June 2008





Sample

Item: Marine Fender (3 ton)

Code: GR07/RE/014
Manufacturer: Malaysian

Replacement

Ratio: **50:50 (OC:GR)**

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Autocave Moulding

Date: June 2008





Sample

Item: Construction material

Code: GR07/RE/015 Manufacturer: Malaysian

Replacement

Ratio: 100% GR

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Autoclave Moulding

Date: June 2008





Sample

Item: Motorbike Tyre

Code:

Manufacturer: Malaysian

Replacement

Ratio: 70:30 (OC:GR)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing





Sample

Item: Golf Grip

Code:

Manufacturer: Malaysian

Replacement

Ratio: 100% GR Cpd
Source Material: 40 # Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: **Moulding**Date: **May 2008**



Sample

Item: Air condition stand

Code:

Manufacturer: Malaysian

Replacement

Ratio: 100% GR Cpd
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: May 2008



Sample

Item: protective cushion

Code:

Manufacturer: Malaysian

Replacement

Ratio: 100% GR

Source Material: torn latex gloves

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: May 2008



Sample

Item: Cane ends

Code:

Manufacturer: Malaysian

Replacement

Ratio: 100% GR Source Material: Crumbs 40#

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: May 2008



Green Rubber Products- Automotive Components

Sample

Item: Automotive Components

Code:

Manufacturer: Malaysian

Replacement

Ratio: 100% GR Cpd
Source Material: 40 # Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Moulding
Date: May 2008



Sample

Item: Auto component -Plug cap

Code: GR08/RE/014
Manufacturer: Malaysian

Replacement

Ratio: 100% GR Cpd
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: May 2008



Sample

Item: Break pads
Code: GR08/RE/015
Manufacturer: Malaysian

Replacement

Ratio: 100% GR

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: May 2008



Sample

Item: Whether Strip
Code: GR07/RE/016
Manufacturer: Malaysian

Replacement

Ratio: 80:20 (OC:VC)

Source Material: **EPDM**

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing



Sample

Item: Butyl Tube
Code: GR07/RE/001
Manufacturer: Malaysia

Replacement

Ratio: 85:15 (OC:GR)
Source Material: Factory Waste

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Extrusion& Moulding

Date: September 07



Sample

Item: Motorcycle Tyre
Code: GR07/RE/002
Manufacturer: Malaysia

Replacement

Ratio: 70:30 (OC:GR)
Source Material: Crumb 40#

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Extrusion & Moulding

Date: September 07



Sample

Item: Bicycle Tyre Code: GR07/RE/003

Manufacturer: Malaysia

Replacement

Ratio: 60:40 (OC:GR)
Source Material: Crumb 40#

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Extrusion& Moulding

Date: September 07



Sample

Item: Castor Solid Wheel
Code: GR07/RE/004

Manufacturer: Malaysia

Replacement

Ratio: 50:50 (OC:GR)
Source Material: 40 # Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing



Sample

Item: Swimming Fin Code: GR07/RE/005

Manufacturer: Malaysia

Replacement

Ratio: 60:40 (OC:GR)
Source Material: Factory Waste

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Bath mats
Code: GR07/RE/007
Manufacturer: Malaysia

Replacement

Ratio: 70:30 (OC:GR)
Source Material: Glove Reject

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing

Process: Moulding
Date: September 07





Sample

Item: Bath Mat (Pink)
Code: GR07/RE/007
Manufacturer: Malaysia

Replacement

Ratio: 70:30 (OC:GR)
Source Material: Glove Rejects

Devulcanization Refiner(FR:1:1.4))

Process: Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Racquet grip

Code:

Manufacturer: Malaysia

Replacement

Ratio: **GR Compound 100%**

Source Material: Tyre Crumbs 40#

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing



Sample

Item: Railway Brush
Code: GR07/RE/013
Manufacturer: Malaysian

Replacement

Ratio: 40:60 (OC:GR)
Source Material: 40 # Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: **Moulding**Date: **September 07**



Sample

Item: Piling Dowel Cap
Code: GR07/RE/014
Manufacturer: Malaysian

Replacement

Ratio: 40:60 (OC:GR)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Door Stopper
Code: GR07/RE/015
Manufacturer: Malaysian

Replacement

Ratio: **100% GR**

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Tyre Retread
Code: GR07/RE/016
Manufacturer: Malaysian

Replacement

Ratio: 90:10 (OC:GR)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing





Sample

Items: Car Mat
Code: GR07/RE/009
Manufacturer: Malaysian

Replacement

Ratio: 60:40 (OC:GR)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Moulding
Date: September 07





Sample

Items: Car Mat (Tray)
Code: GR07/RE/010
Manufacturer: Malaysian

Replacement

Ratio: 100% GR

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Floor Mat
Code: GR07/RE/011
Manufacturer: Malaysian

Replacement

Ratio: 100% GR

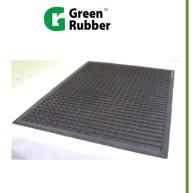
Source Material: 40% Tyre Dust

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Shoe Sole
Code: GR07/RE/012
Manufacturer: Malaysian

Replacement

Ratio: 70:30 (OC:GR)
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing



Sample

Items: Floor Mat

Code:

Manufacturer: Malaysian

Replacement

Ratio: GR Cpd. 100% Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.8)

Manufacturing

Process: Moulding
Date: September 07



Sample

Items: Car Mat

Code:

Manufacturer: Malaysian

Replacement

Ratio: GR Cpd 100%
Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Floor Mat
Code: GR07/RE/011
Manufacturer: Malaysian

Replacement

Ratio: **GR Compound 100%**

Source Material: 40% Tyre Dust

Devulcanization

Process: Refiner(FR:1-2.1)

Manufacturing

Process: Moulding
Date: September 07



Sample

Item: Shoe Sole

Code:

Manufacturer: Malaysian

Replacement

Ratio: **GR Compound 100%**

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Manufacturing



Green Rubber

Sample

Item: Tyre Crumb

Devulc

Code: GR07/RE/021

Manufacturer: Green Rubber

Scrap/DeLink Ratio: 100:2 Parts

Source Material: 40# Tyre Crumb

Devulcanization

Process: Refiner(FR:1-2.1)
Date: September 2007



Sample

Item: Glove Devulc
Code: GR07/RE/022
Manufacturer: Green Rubber
Scrap/DeLink Ratio: 100:2 Parts
Source Material: Shredded Glove

Rejects

Devulcanization

Process: Refiner(FR:1-2.1)
Date: September 2007



Sample

Item: GR Sheets - 1 ton

Code:

Manufacturer: Malaysian Source Material: 40# crumb

Devulcanization

Process: Refiner(FR:1-1.4)

Date: May 2008

