

ECO-FLEX™ RTPV

Sheet & Roll Presentation

Recycling with ECO-FLEX™ RTPV Thermoplastic Elastomer

Sheet & Roll Market

An Unusual Way to Cut Costs

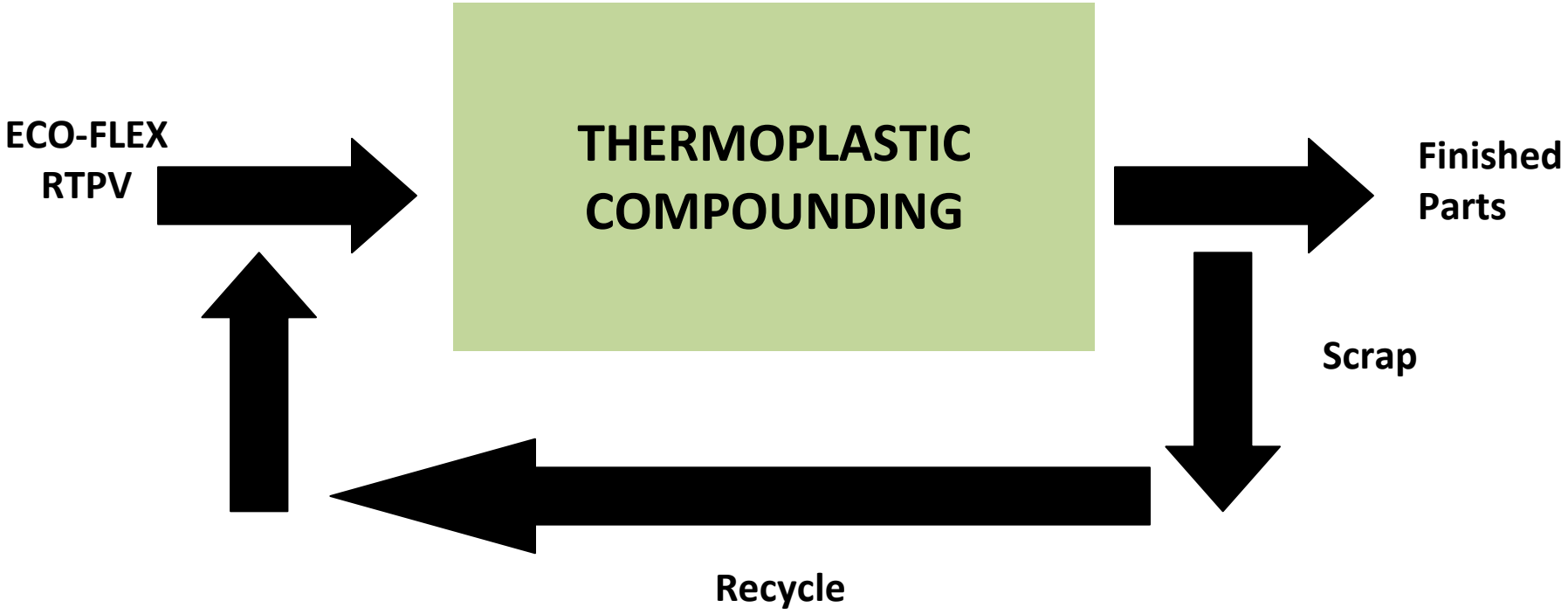
SYNESIS

Benefits

- **No Compounding Required**
- **Rubber Performance**
- **Lower Finished Part Cost**
 - **Faster Cycles**
 - **Recyclability of Scrap**
 - **Lower Specific Gravity**
- **Design Flexibility**
- **Use of Post-Consumer Recycled Rubber**
- **Easily recyclable**
- **Minority Content**

SYNESIS

No Compounding Required



SYNESIS

Rubber Performance Properties

- **COLOR: BLACK**
- **SHORE HARDNESS: 45A -40D**
- **GOOD MECHANICAL PROPERTIES**
- **GOOD CHEMICAL RESISTANCE**
- **EXCELLENT UV AND OZONE RESISTANCE**

SYNESIS

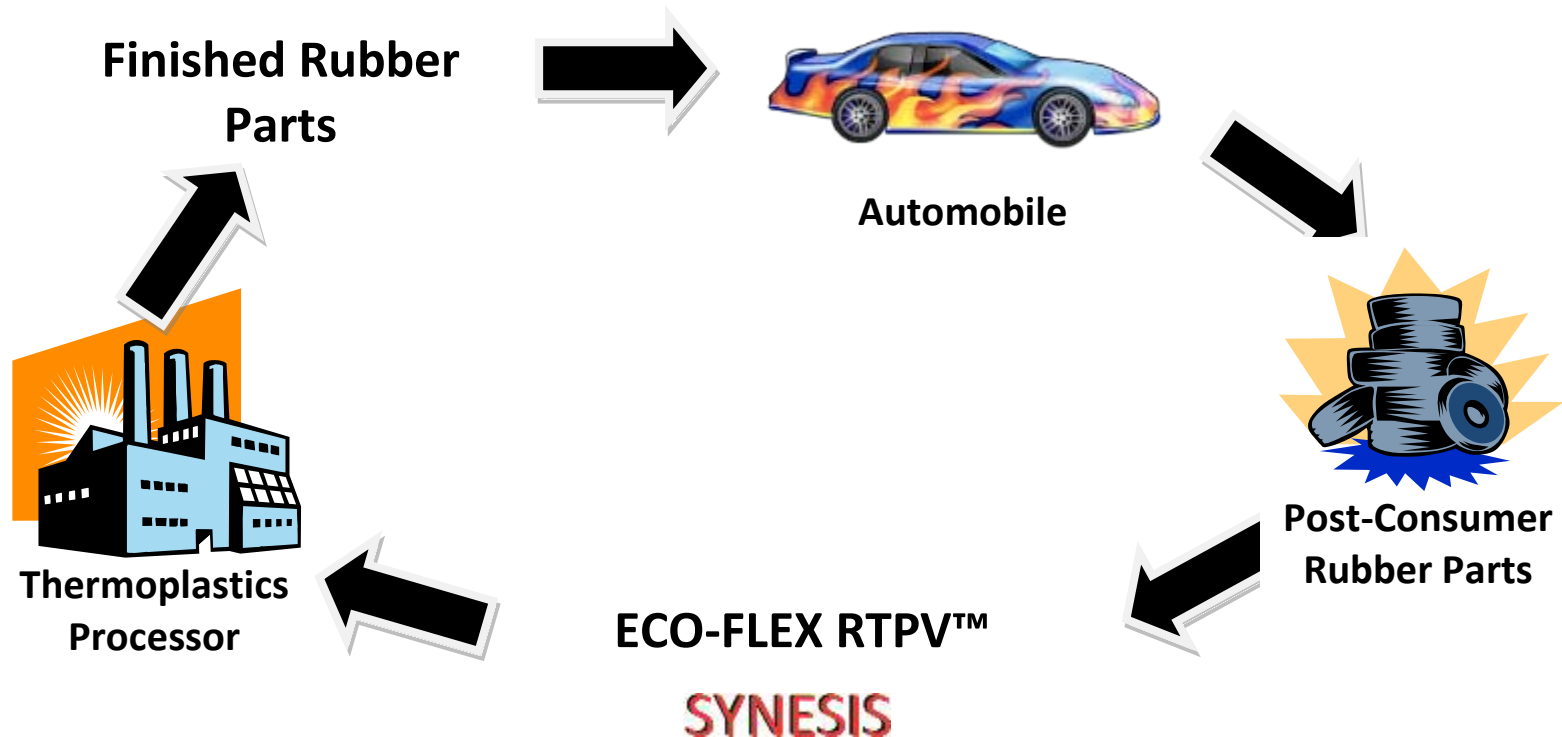
Use of Post-Consumer Recycled Rubber



Environmental Benefits Recycling vs. Landfill/Stockpiling



- Prolongs Life of Landfills by Reducing Solid Waste
- Protects the Environment from the Fire and Health Hazards of Scrap Rubber Stockpiles



RTPV TARGET SHEET APPLICATIONS

- **Roofing Membranes**
- **Matting (anti-fatigue, fitness, flooring)**
- **Die Cut Gaskets, Anti-vibr./skidPads**
- **Industrial Liners (Cargo, Wall, Tank, Pond)**

SYNESIS

ECO-FLEX™ RTPV TARGET SHEET & ROLL APPLICATIONS



Roofing Membrane



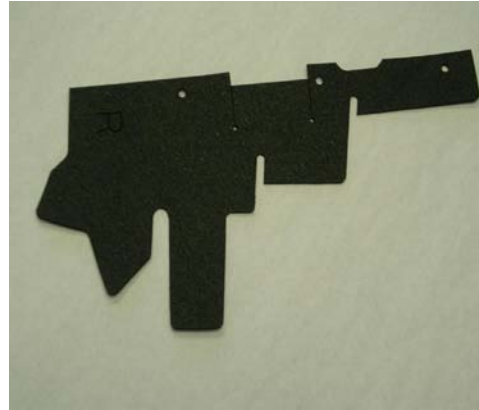
Golf Cart Flooring



Thermoformed Splash Shield



Bus Flooring



Die Cut Radiator Air Deflector



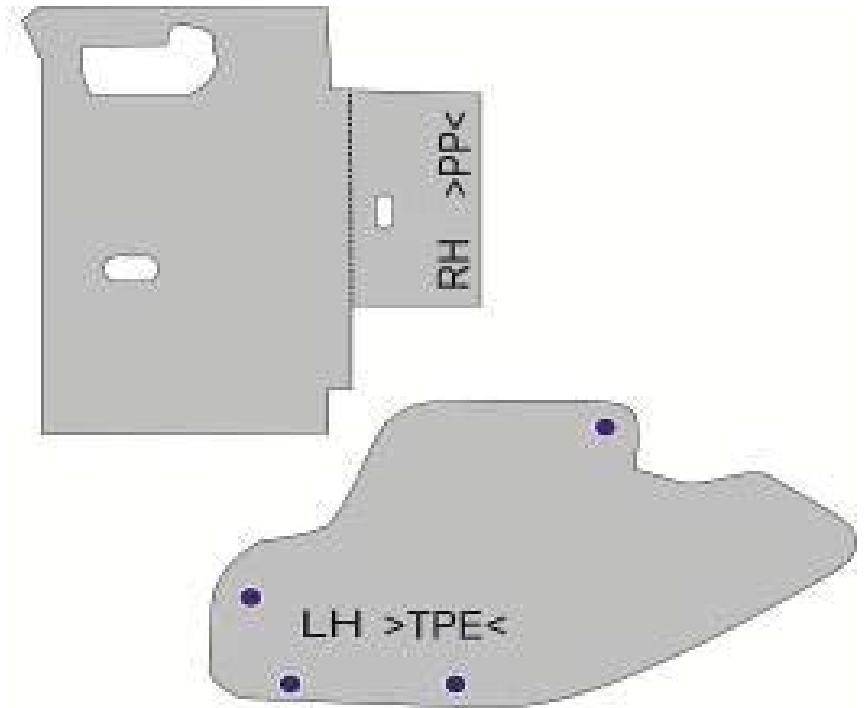
Die Cut Gaskets

SYNESIS

ECO-FLEX™ RTPV TARGET SHEET & ROLL APPLICATIONS

All Die Cut Parts

- Benefits
- Aesthetically Pleasing
- Recycle Content Product “Green” Initiatives
- Recyclable
- Can be Thermoformed
- Reduced Part Weight 1/3 to 1/2 The Thickness with same performance as Thermoset Rubber. 3-5mm can be 1.5 -2.0mm
- Potential Impact : 30 -50% Cost Reduction Vs. Thermoset Rubber



Rubber Thickness vs. ECO-FLEX™

SYNESIS