

## What are the advantages of PMC's exclusive Exultra™ products?

### » Durable

TPOs improved impact strength over ABS and HIPS can withstand real world wear and tear.

- High impact resistance
- Outstanding chemical resistance
- No need for pre-drilling of screw holes
- No crack propagation
- Saves money, labor, scrap and potential warranty claims

### » Coefficient of Linear Thermal Expansion (CLTE)

Reduction in potential warranty claims.

- Reduces part stress
- Reduces buckling between attachments
- Enables much larger parts than possible before with ABS & PE

### » Cold Weather Performance

TPO ductile to -30° C

- Cold temperature durability/impact
- Superior versatility over other materials
- Longer wear

### » UV Protected/Weatherable

Designed for superior performance in interior and exterior applications.

- Increased UV stability packages available
- Improved heat aging without cracking
- Light stable pigment options to prevent color shifting

### » Sound Deadening

High quality TPOs possess sound deadening characteristics, reducing cab noise (buzz, squeak, rattle). Perfect for interior applications.

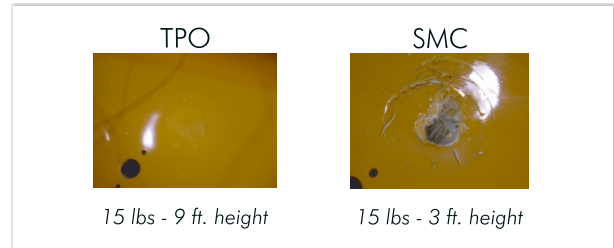
### » Recyclable

100% of trim scrap can be reused, resulting in cost savings.

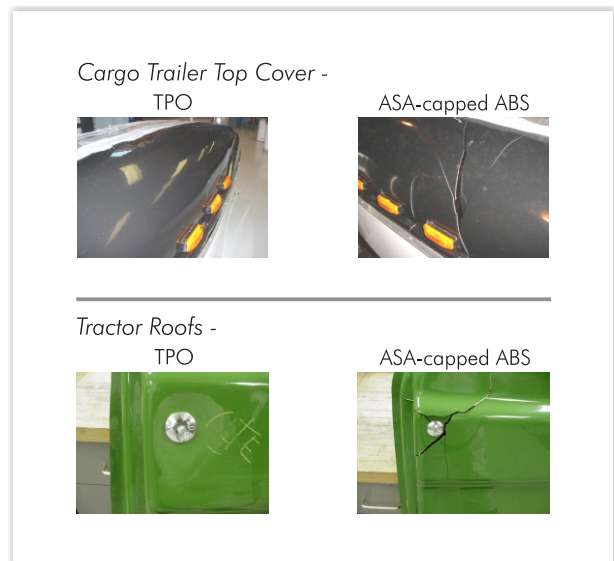
- RoHS compliant with no heavy metals
- Even our "soft touch" Exultra 2000 & 3000 are fully recyclable and can save you from the high cost of land-filling ABS/Vinyl

PMC's QMS is ISO 9001 Certified

### » Performance impact of TPO



### » Combined effects of crack resistance & CLTE:



### » Additives & Custom Grades

Available in a wide range of colors. Thermally and electrically conductive with improved thermoforming performance over other conductive materials such as: PP, HIPS, ABS, PVC and PC.

- Increased dielectric strength
- Permanent Static Dissipative/ESD Anti-Static, with no color restrictions
- Flame Retardant, with improved color and aesthetics
- Anti-fog for interior components
- Anti-microbial

### » Thermoformable

More thermoformers are moving to TPO to meet customer performance requirements and aesthetic needs.

- Superior surface quality
- Outstanding DOI (distinctness of image)

# EXULTRA™

**A Family of TPO Products Offered Exclusively by PMC**



## EXULTRA™

Exultra™ TPO products are 100% recyclable. The fall-off generated as a by-product of the routing process can be reclaimed and utilized in the core layer of the product, if appropriate.

The benefit is cost savings to you and a “greener” earth for all of us.

TPO formulations offered exclusively by PMC:

- » Exultra™ 500 = Mono-layer Elastomeric Sheet
- » Exultra™ 1000 = Mono-layer TPO Sheet
- » Exultra™ 2000 = Elastomeric Cap / TPO Substrate
- » Exultra™ 2500 = Elastomeric Cap / Foam Substrate
- » Exultra™ 3000 = Elastomeric Cap / Foam / TPO Substrate
- » Exultra™ 5000 = High Gloss TPO Cap / TPO Substrate
- » Exultra™ 6000 = TPO Cap / Utility TPO Substrate
- » Exultra™ 6500 = High Gloss TPO Cap / Utility TPO Substrate
- » Custom formulations also available

