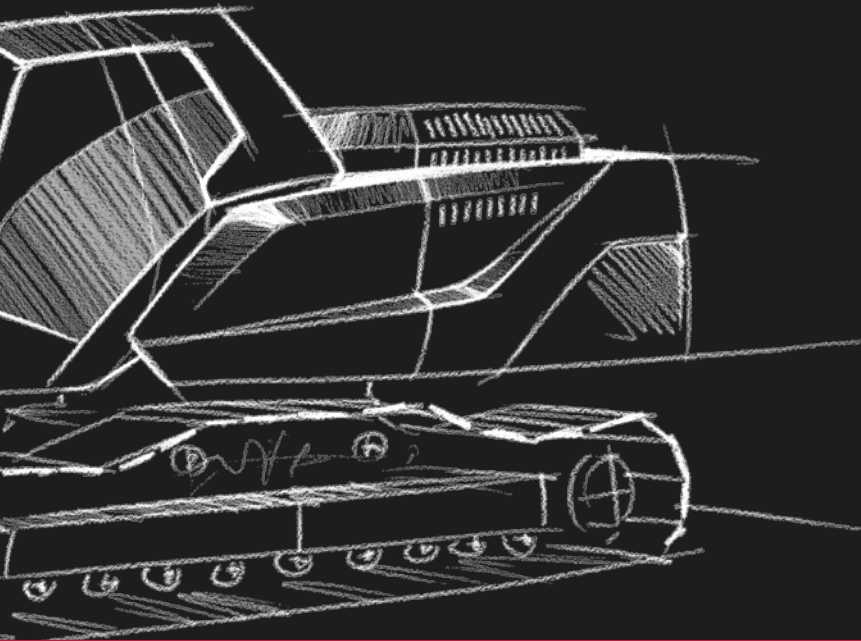


**PARAT**® 



**塑料行业**  
您的卓越伙伴

**YOUR PARTNER FOR**  
COMPETENCE IN PLASTICS

损伤容限型  
组件

DAMAGE-  
TOLERANT  
STRUCTURAL  
COMPONENTS

高光泽  
表面  
HIGH GLOSS  
SURFACE

混合型  
组件  
HYBRID  
COMPONENTS

耐热型  
组件  
HEAT RESISTANT  
COMPONENTS

功能  
集成  
FUNCTION  
INTEGRATION

轻质  
结构  
LIGHTWEIGHT  
CONSTRUCTION

## 塑料技术

在高性能塑料饰件和结构件领域，PARAT是一家著名的全球化合作伙伴。我们为客户提供专业且客观的咨询服务，并且也是定制产品的可靠生产商。

## PLASTICS ENGINEERING

PARAT is a globally acting and worldwide recognized partner in the field of highly functional plastic trim parts and structural plastic components. We support our customers with expert and objective advice and are a reliable manufacturer of customized products.

**PARAT**   
NO COMPROMISE. WE CUSTOMIZE.

## 功能集成

- 智能模块组建&技术性功能集成
- 顶面、加强筋和装配基座一体
- 通过捆绑成结构组合件, 单独零件数量减少达20%

## FUNCTION INTEGRATION

- intelligent module formation & technical integration of functions
- domes, ribs and material build-ups
- reduction in single components by up to 20 % thanks to bundling into assemblies

## 轻型结构

结构/表面和绝缘层整合一体!

- 降低密度和增加壁厚, 以此提高弯曲刚度和显著减少重量
- 降低密度的同时增加壁厚, 可以实现隔热功能

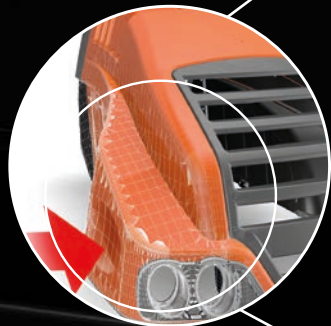
## LIGHTWEIGHT CONSTRUCTION

STRUCTURE/SURFACE AND INSULATION ALL IN ONE!

- a reduction of density and an increase in wall thickness create great flexural stiffness and a significant weight reduction
- in addition, thermal insulation can be achieved by increasing wall thickness and reducing density at the same time

## 损伤容限型结构件

- PUR / GF (LFI) 结构载体
- 经PUR和特殊混合玻纤结合, 得到坚硬的、抗损伤的饰件
- 由于高回弹模量 微小损伤不会带来遗留后果



## DAMAGE-TOLERANT STRUCTURAL COMPONENT

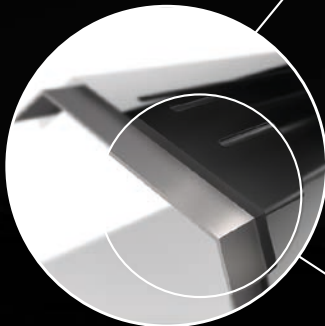
- PUR / GF (LFI) support structure
- a combination of PUR with a specifically designed glass-fiber mixture creates a rigid and still damage-tolerant cover part
- minor losses remain without consequences thanks to a high modulus of resilience

## 混合型组件

PARAT混合技术, 通过使PU和不同材料结合而带来很多优势。

RIM金属混合 发泡金属构件能带来最大的强度同时满足很高的美学要求。

RRIM和软泡芯混合 软泡芯在拥有最小重量和最大阻力矩的同时具有最大硬度。



## HYBRID COMPONENTS

PARAT hybrid technologies provide some convincing benefits by combining different types of materials with PU.

**RIM METAL HYBRIDS** An encapsulated metal structure creates maximum strength and, at the same time, leaves nothing to be desired when it comes to aesthetics.

**HYBRID RRIM WITH FLEXIBLE FOAM INLAY** A soft foam core offers maximum rigidity while minimizing weight and maximum modulus of resistance.

## 高光亮表面

- PMMA层具有
  - 抗紫外线能力
  - 高光泽度（深度效应）
  - 高耐刮性
- 2-4mm厚全染色ABS/PC

载体能够实现光学限制最小化



## HIGH GLOSS SURFACE

- A PMMA layer impresses with
  - UV resistance
  - a high degree of gloss (depth effect)
  - high scratch resistance
- minimization of visual impairments thanks to a fully dyed-through ABS/PC carrier layer of 2-4 mm thickness

## 耐热组件

由牢固的膜内涂层技术和稳定的PUR-RIM载体层制成的新型结构件，在极端温度条件下可以保护组件的内外。

内 › 耐热能力达150 °C

外 › 耐热能力达130 °C



## HEAT RESISTANT COMPONENTS

A newly developed structural component created via robust InMould Coating technique with a sturdy PUR-RIM carrier layer protects components inside and outside even under extreme thermal stress.

Component Inside › heat-resistance up to 150 °C

Component Outside › heat-resistance up to 130 °C



www.parat.eu

