MIDLAND PLASTICS
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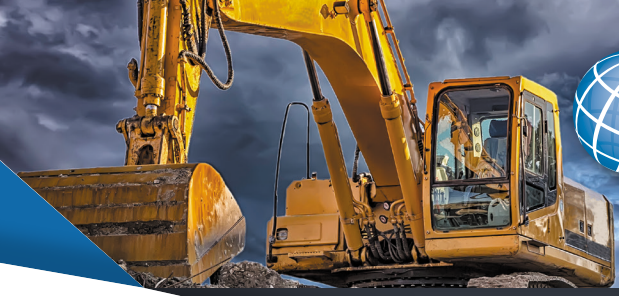

iapd
international association of plastics distribution

HEAVY EQUIPMENT

Despite the extremely heavy loads and challenging work environments of most heavy equipment, performance plastics over performance superior to many traditional materials in vital applications.

APPLICATIONS

- Bushings and bearings
- Wear pads
- Sheaves
- Guides for electrical and hydraulic lines
- Rollers
- Liners
- Chutes
- Seals
- Outrigger pads
- Slide bars/cam actuators
- Cushion pads (pile-driving equipment)
- Guards and fenders
- Glazing (windows)
- Grating
- Stairs

ADVANTAGES MAY INCLUDE

- Lightweight
- Corrosion resistant
- Low friction
- High wear resistant
- High impact resistant
- No external lubrication required
- Reduced wear on mating parts
- Ease of installation and assembly
- Low conductivity, thermally and electrically
- High strength
- Dimensional stability
- Wide service temperature range
- Reduced maintenance cost

MATERIALS

- Acrylic (PMMA)
- Fiberglass Reinforced Polymers (FRP)
- High-Density Polyethylene (HDPE)
- Nylon (PA)
- Polycarbonate (PC)
- Polyethylenterepthalate (PET)
- Ultra-High Molecular Weight Polyethylene
- (UHMW-PE)

DID YOU KNOW?
Self-lubricating performance plastic wear parts can reduce or eliminate lubricant “wash-out” in heavy equipment bearing applications, greatly reducing non-point source pollution that seeps into the groundwater.

See how Midland Plastics can assist you with your Plastics needs at https://www.midlandplastics.com/

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