

Plastics for Transportation Applications



Benefits of Plastic:

- Outstanding aesthetics, available in virtually any color
- Easy to form into complex parts
- Durable, moisture resistant - will not rust like metal
- Acoustical insulating properties
- Lightweight for improved fuel economy
- Grades available that are resistant to fuels, lubricants, and cleaning chemicals
- Outdoor weatherable grades available
- Grades available that meet vehicle flammability standards and comply with ANSI Z26.1-1996 AS-5

Plastic materials to fulfill your needs

Plastic materials are widely used in vehicles due to their outstanding aesthetics, durability, and sound insulating properties. They are also extremely lightweight, which contributes to improved fuel economy.

Plastics have the additional advantage of having color throughout the volume of the material, which eliminates the need for secondary painting. Unlike metals and wood, plastics are moisture resistant and they will not rot or rust.

Curbell Plastics has a broad inventory of plastic sheet, rod, tube and film materials as well as assembly tapes, and adhesives to meet the needs of vehicle manufacturers. We invite you to contact our experienced sales and technical team to discuss your vehicle application.

Material selection, expert advice

"Our Curbell salesperson helped us to identify a light diffusing plastic film for the back-lighted instrument panel on our new vehicle. The instruments look fantastic and the vehicle interior has a great look."

~ Curbell Customer Feedback



TYPICAL APPLICATIONS:

- Bezels
- Cargo carriers
- Cabinets
- Driver partitions
- Exit signs
- Golf cart windshields
- Headliners
- Instrument panels
- Interior wall panels
- Light diffusers
- Luggage bins
- Modesty panels
- Rain and insect deflectors
- Seating
- Spare tire covers
- Storage containers
- Truck bed liners
- Vehicle glazing
- Wear pads
- Window shrouds

COMMON MATERIALS:

- ABS
- Acetal
- Acrylic-capped weatherable ABS
- Acrylic sheet
- Bonding tapes (VHB™, transfer tapes, double sided tapes, and foam tapes)
- Celtec®
- C-TEK® Rideboard™ wood replacement
- Dibond® aluminum composite material
- Expanded PVC
- Flame retardant plastic materials
- Hard-coated acrylic and polycarbonate
- HDPE
- Impact modified acrylic
- KYDEX® Thermoplastic Sheet
- LED light diffusing plastics
- Makrolon® polycarbonate – AR, AS2, FC, Frit, HV, TX
- Methacrylate adhesives
- Nylon
- OPTIX® acrylic
- Plexiglas® acrylic
- Polypropylene
- SentryGlas® interlayer
- Silicone sealants
- Sintra®
- UHMW-PE

CURBELL
PLASTICS

www.curbellplastics.com
1.888.CURBELL (287-2355)

©2018 Curbell Plastics, Inc. Unauthorized use is strictly prohibited. All other trademarks, service marks and logos used herein are property of their respective owners. MAP1714A 0618