

# Standoflex<sup>®</sup> Plastic Refinishing

## Types of plastics on motor vehicles.



The following table contains a selection of plastic materials of various types used on motor vehicles.

"Blends" are frequently used in addition to the pure form. A blend is a mixture of different plastics and corresponds to an "alloy" in the metallurgical sector. "Blending" allows for several desirable properties to be combined in a new plastic material. The trade names coined by the individual plastics manufacturers are also commonly used, but rarely give any direct indication of the type of plastic involved.

### Acronym / Designation

<b>ABS</b>	Acrylonitrile butadiene styrene copolymers
<b>CAB</b>	Cellulose acetate butyrate
<b>CN</b>	Cellulose nitrate
<b>EC</b>	Ethyl cellulose
<b>EP</b>	Epoxy resin
<b>MF</b>	Melamine formaldehyde
<b>PA</b>	Polyamide
<b>PC</b>	Polycarbonate
<b>PE</b>	Polyethylene
<b>PBTP</b>	Polybutylene terephthalate
<b>PETP</b>	Polyethylene terephthalate
<b>PF</b>	Phenol formaldehyde
<b>PMMA</b>	Polymethyl-methacrylate
<b>POM</b>	Polyoxymethylene
<b>PP</b>	Polypropylene
<b>PPO</b>	Polyphenylene oxide
<b>PU</b>	Polyurethane
<b>PVC</b>	Polyvinyl chloride
<b>SAN</b>	Styrene-acrylonitrile copolymer
<b>SB</b>	Styrene-butadiene copolymer
<b>TPU</b>	Thermoplastic polyurethane
<b>UP</b>	Unsaturated polyester

### Trade names for plastics

<b>Akulon</b>	PA
<b>Araldit</b>	EP
<b>Bayblend</b>	PC/ABS
<b>Baydur</b>	PU
<b>Bayflex</b>	PU
<b>Demopan</b>	PU
<b>Durethan</b>	PA
<b>Elastoflex</b>	PU
<b>Hostalen</b>	PE
<b>Hostalen PP</b>	PP
<b>Hostalit</b>	PVC
<b>Keltan</b>	PP/EPDM
<b>Lexan</b>	PC
<b>Luran</b>	SAN
<b>Makrolon</b>	PC
<b>Noryl</b>	PPO
<b>Pocan</b>	PBTP
<b>Rilsan</b>	PA
<b>Terluran</b>	ABS
<b>Ultradur</b>	PBTP