

Duranol™**Additive for Improved Durability of Automotive Parts**

Lightweight



Safety / Comfort



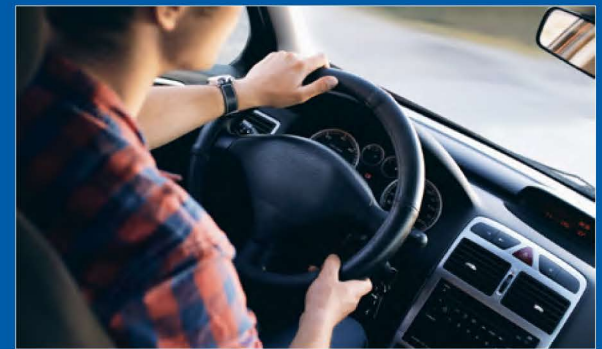
Efficiency

Application Areas

- Resin for synthetic leather / artificial leather of car sheets and steering wheels
- Automotive exterior and interior coatings

Solution / Innovation for the Industry

- Improved long-term durability and better appearance of automotive parts
- Lower VOC (volatile organic compound) emissions



Duranol™ improves the durability of automotive parts

Asahi Kasei's Duranol™ is a polycarbonate diol (PCD) additive for polyurethane. Duranol™-added polyurethane has an excellent durability, hydrolysis resistance and chemical resistance. It is suitable for applications that especially require long-term durability, such as leathers (synthetic leather, artificial leather etc.), paints, adhesives, and elastomers.

In addition to excellent abrasion resistance and chemical resistance, Duranol™ has a good solubility to various solvents. This feature contributes to the reduction of solvents in both solvent-borne and water-borne coatings.

Key Features

- Excellent hydrolysis, chemical, and abrasion resistance by implementation of polycarbonate structure
- Liquid at room temperature, lower viscosity
- High solubility in various solvents in both solvent-borne and water-borne coatings