What is TRANSPAREX ?

Transparency × X [Transformation]

The name is a combination of "Transparency" and "Transformation-X."
With unprecedented transparency performance,
we are committed to changing the future of the world for the better.

Three strengths of ADEKA Polymer Additives

1 A wide range of products from general-purpose to high-performance

Plasticizers and PVC Stabilizers	Polymer Additives	Environment-Friendly Polymer Additives
ADK CIZER/ ADK STAB series	ADK STAB series	ADK CYCLOAID series

2 Providing solutions through comprehensive technical services and technological support.

3 Global production and sales network

Overseas locations: 16 sites in 12 countries and regions



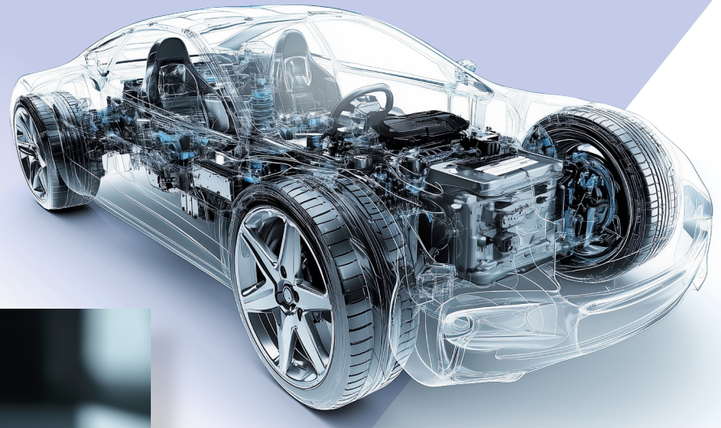
Contact
ADEKA Corporation
Polymer Additives Sales Department
https://www.adeka.co.jp/en/chemical/inquiry/index.html



ADK TRANSPAREX™ Ultimate Performance Novel Clarifier

Expanding the possibilities of polypropylene embodies the ultimate*1 transparency

ADK TRANSPAREX™ embodies the ultimate transparency of polypropylene articles which are realized with significant lower clarifier dosage.
By enabling PP to replace materials such as polystyrene, PET, and even glass, ADK TRANSPAREX™ meets manufacturing's diverse requirements.



Compatible with a wide range of applications



Cosmetic Bottles
Transparency
Chemical Resistance



Food Containers
Transparency
Heat Resistance
Cold Resistance



Medical Equipment
Transparency
Chemical Resistance

Automobile Parts
Transparency
Strength
Moldability



Beverage Bottle
Transparency
Alcohol Compatible



Home Appliance
Transparency
Moldability



Building Materials
Transparency
Strength
Moldability

Household Goods Transparency, Moldability

Paint (Coating) Transparency, Heat Resistance, Cold Resistance

*Photos are for reference only

Safety and Security

TRANSPAREX is approved by the US FDA as a food contact material. This is a highly safe polymer additives that has been approved for a wide range of temperature conditions, from A to H, as well as J. Furthermore, since only a small amount needs to be added, plastic products can be used more safely and securely than ever before.

*1 The transparency of polypropylene was evaluated using test samples 1 mm thick (Haze values). According to our in-house testing, the lowest Haze value on the market was 3.2. PP with the addition of TRANSPAREX™ achieved a Haze value of ≤2.0. Lower Haze values indicate higher transparency. (As of November 1, 2024. Research conducted by ADEKA)

point 1 Achieved transparency with TRANSPAREX™

- Compared to conventional nonitol-based Clarifier , it shows equal or greater transparency and improved mechanical properties with less than half the amount added.
- It is possible to achieve transparency comparable to that of amorphous resins (PS, PET, etc.).
- Easy to feed to extruders in a powder form due to excellent flowability.



With ADK TRANSPAREX™



Without ADK TRANSPAREX™

point 2 Creates "polypropylene" like never before

Polypropylene is an Environment-friendly resin that is easy to recycle.

