

赤外線反射内装

Infrared Reflecting Interior Coating

太陽光に含まれる近赤外線を反射し、内装部品の温度上昇（蓄熱量）を抑制することで冷房熱負荷を低減させ、燃費向上に貢献。

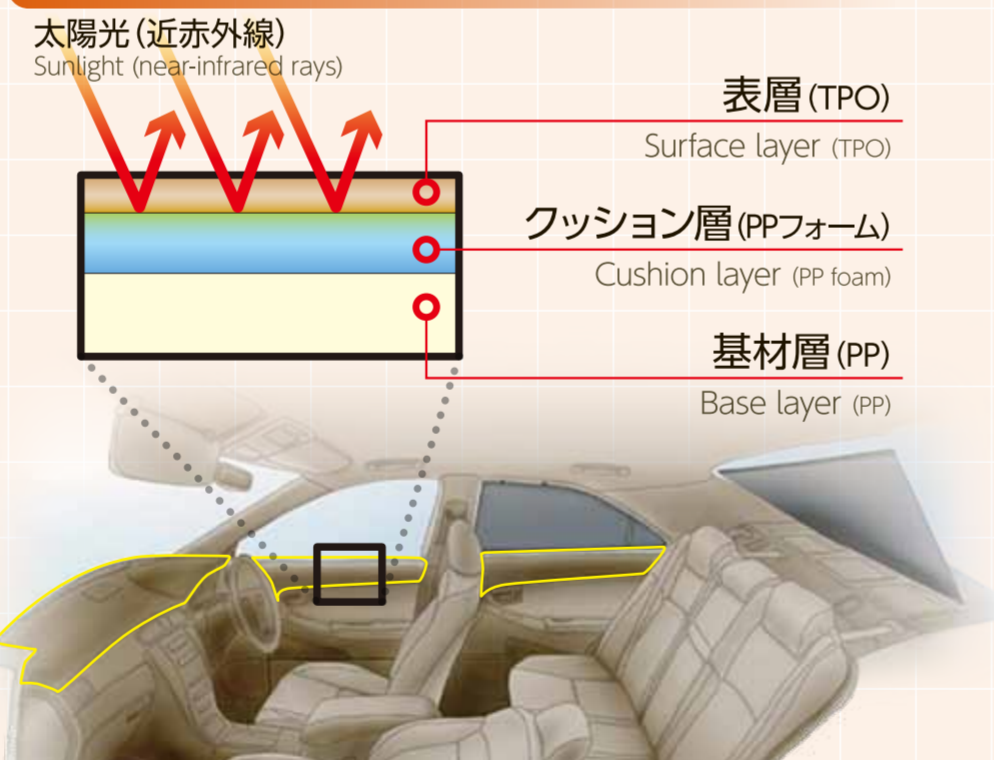
This product reflects near-infrared rays in sunlight and suppress heat rise (accumulated heat) of the interior components, thus helping to reduce loads on the air conditioning and improve fuel economy.

特長 FEATURE

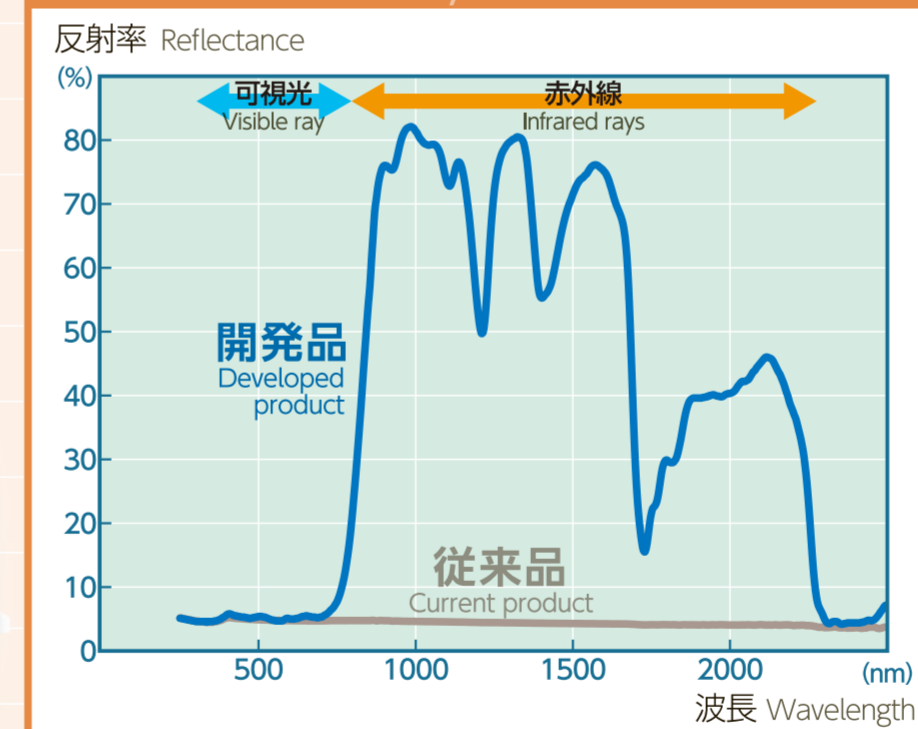
- 1 熱を吸収しやすい顔料を廃止。
透過率の高い顔料で調色し、赤外線を表層では透過させクッション層で反射。

Eliminating use of pigments that readily absorb heat and instead using high-transmittance pigments allows infrared rays to pass through the surface layer, with the rays then being reflected at the cushion layer.

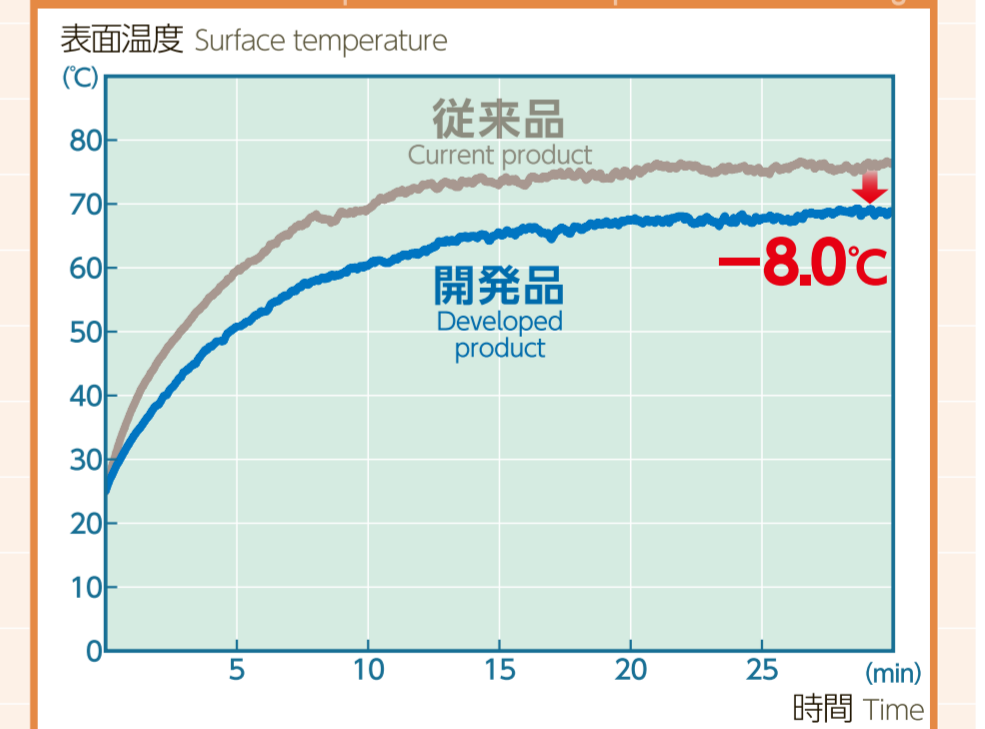
【赤外線反射のイメージ】
Illustration of infrared reflection



▶表皮材の反射率
Reflectance of surface layer



▶炎天下駐車時ドアトリムの表面温度
Door trim surface temperature with vehicle parked in intense sunlight



効果 RESULTS

- 1 蓄熱量 (kJ) の低減
Reduction of heat storage (kJ)

▶蓄熱量比較 (ドアトリムの場合) Comparison of heat storage (for door trim)

