



UT6790 is special modified polyester resin based 2K primerless basecoat. It is specially designed to coat on automotive exterior plastic parts for excellent adhesion on nylon substrates.

Recommended use	As a base coat for use on plastic substrates (Nylon) without primer.
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Physical Properties

Finish and Color	Colors include metallic colors are depend on KCC's standard color card and other colors are available on request.
Specific gravity	0.9 ~ 1.1 (kg/L) according to color.
Solids by volume	40% ± 3 %
Spreading rate (Theoretical)	14.0m ² /L in 25 microns dry film thickness on a smooth surface.(theoretically)
Flash point	18°C (Closed cup)

Application details

Surface preparation	Remove thoroughly any residual release, oil and grease. Surface preparation agent is Iso Propyl Alcohol(IPA) or aliphatic hydrocarbons.
Method of application	Air spray application – Nozzle orifice : 1.2 ~ 1.5mm – Output pressure : 4 ~ 5 atm (Above air spray data are indicative and subject to adjustment).
Mixing	Base : Curing Agent UT6790-B = 100 : 10 (by volume). Mix separately, then combine together and mix thoroughly prior to application in the proportion.
Thinning	THINNER TH0045 or 037U (Thinning ratio : 40 ~ 60%) Adjust the paint viscosity up to 14 ~ 16 sec in Ford cup No.4.
Application conditions	Preferred temperature during application is 20 ~ 28°C and relative humidity preferable 50 ~ 85%.
Film thickness	20 – 30μm (D.F.T)
Drying time	70°C X 30 minutes (M.P.T)

Storage and package

Remarks

Note	– Use with adequate ventilation. – Avoid prolonged breathing of solvent vapors. – Keep away from sparks and open flames. – Mix thoroughly prior to application. – Store unused material in tightly closed original containers.
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Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

