

DAOTAN® TW 6452/30WA

High end metallic finish for OEM interior



DAOTAN TW 6452/30WA is a polycarbonate based high molecular weight polyurethane dispersion. Dried at ambient temperature it provides clear, crack-free films without further addition of organic solvents or additives.

Product Features

- DAOTAN TW 6452/30WA is recommended for water borne primers and basecoats on plastics as well as automotive OEM basecoats with highest requirements on optical appearance ("Flop"), water resistance as well as mechanical properties.
- Provides excellent elasticity and mechanical properties.
- Offers very good adhesion to different plastic substrates like e.g. ABS, PC, ABS/PC, PA, PVC and PC/PBT.



Main Characteristics

Dynamic Viscosity	<60 mPa.s
Non-Volatile Matter	29-31%
pH	7.2-8.9
Neutralization agent	DMEA

Applications

DAOTAN® TW 6452/30WA can be applied as basecoat in a two-layer coating (BC + CC) on common automotive interior substrates and in this way fulfills several technical OEM requirements. The resin also can be used for two layer coatings for car interiors with solvent borne as well as water borne 2 pack clearcoats. During application excellent rheological profile, very fast recovery of storage modulus thus less sagging and better metallic orientation will be achieved.

Formulations

DAOTAN TW 6452/30WA can be formulated with thickeners like RHEOVIS® and LAPONITE® to obtain mirror like basecoats, which can be used to replace metallic chrome.

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