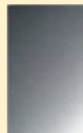


NISSAN UV Hard Coating materials

フィルム用UV硬化型 防汚性・耐擦傷性ハードコート材料
Anti-smudge and Anti-scratch
UV curable hard coating materials for film

■ 液特性(Varnish properties)

Grade	HC-010	AG-101
Type	クリアー Clear	アンチグレア Anti-Glare (Anti-Sparkling)
塗布フィルム外観 Digital photograph of coated film sample		
固形分 Solid contents	40% PGME solution	40% PGME solution
粘度 Viscosity	2-8 mPa・s	2-8 mPa・s

■ 成膜方法(Film preparation method)

Coating → Drying(120°C3min) → UV irradiation
Gravure, Slit 300-800mJ/cm² under N₂

■ 膜特性(Film properties) ※PET : LUMMILAR U403(Toray)

Grade	HC-010	AG-101
推奨膜厚 Thickness	5-6 μm	7-8 μm
透過率 Transmittance	91.3 %	91.1 %
Haze	1	10
グロス Gloss(60°)	161	114
接触角 Contact angle		
Water	111°	110°
Oil(oleic acid)	75°	73°
密着性 Adhesion	25/25	25/25
鉛筆硬度 Pencil hardness	2H	3H
動摩擦係数 Friction factor	0.06-0.1 μk	0.06-0.1 μk
SW耐擦傷性 SW test @1kg/cm ² #0000	5000 times No Scratch	1000times No scratch

