



CHL-S-14: ABS-like

Technical Data Sheet

扫码联系
产品经理:



General Information

Nagase's CHL-S-14 is specially formulated ABS-like UV resin for large-scale 3D printer of SLA type.

It contains acrylic and epoxy materials and shows high durability and accuracy after 3Dprinting.

Application

Prototyping
Hobby goods etc.

Typical Packaging

18.5kg in 20L grey poly bottle

Technical DATA

Liquid Properties		Optical Properties	
Materials	Acrylic&Epoxy resin	Dp	5.5mils (0.14mm)
Color	White	Ec	12.3 mJ/cm ²
Viscosity	270 mPa·s (25°C)	Recommended Exposed Energy	*60.0 mJ/cm ²
Density	1.10 g/cm ³		

*300mW/cm², Spacing Line=0.08mm

Physical Properties		
Properties	Method	Postcured
Hardness		Shore D80
Ultimate Tensile Strength	ASTM D638	52 MPa
Elongation at Break	ASTM D638	13%
Tensile Modulus	ASTM D638	2.8 GPa
IZOD Impact (Notched)	ASTM D256	59 J/m
Tg	DMA	60°C

NOTES- Results in this data sheet may vary and depend on individual machine processing and post-curing conditions.

Nagase & CO., LTD

5-1, Nihonbashi-Kobunacho, Chuo-ku,
Tokyo, 103-8355, Japan
TEL : ++81-3-3665-3306

Nagase ChemteX Corporation

Precision Process Material Dept.
236, Tatsunocho-Nakai, Tatsuno,
Hyogo, 679-4124, Japan