



ACCURA® ABS BLACK (SL 7820)

ABS CLASS
STEREOLITHOGRAPHY (SLA)

Strong and aesthetic black parts with minimal finishing to replace CNC-machined or molded ABS articles.

ABS-LIKE PERFORMANCE AND APPEARANCE

Accura ABS Black (SL 7820) is a rigid and tough material designed to build accurate, robust and durable parts in black color without painting. It simulates and replaces CNC-machined and injection molded black ABS articles for concept models, functional prototypes, assemblies and short-run production parts.

With good surface finish and detail, Accura ABS Black produces strong black parts at high throughput in an ABS-like appearance.

LIQUID MATERIAL

MEASUREMENT	CONDITION	VALUE
Viscosity	@ 30 °C (86 °F)	210 cps
Penetration Depth (Dp)		4.5 mils
Critical Exposure (Ec)		10 mJ/cm ²
Color		Black
Liquid Density	@ 25 °C (77 °F)	1.13 g/cm ³ 0.04 lbs/in ³

APPLICATIONS

- Black ABS-like models and prototypes
 - Automotive components
 - Electronic housings
 - Consumer goods and toys
 - Packaging
 - Functional assemblies
- General purpose prototyping
- Master patterns for RTV/silicone molding
- Short-run production of end-use parts that would typically be injection molded with ABS

BENEFITS

- Robust ABS-like parts
- Smooth surface finish
- Beautiful black parts without painting
- Ease-of-use and fast processing with minimal finishing

FEATURES

- High strength and good dimensional stability
- Rigid and tough
- Good humidity/moisture resistance
- Low viscosity formulation
- High accuracy and detail definition

Printer Compatibility/Packaging //

ProJet® 6000/7000 SLA printers //	2L cartridge
ProX® 800/950, iPro™ 8000/9000 SLA printers //	10 kg cartridge
Viper si2™, SLA 5000 and SLA 7000 printers //	10 kg standard bottle

