

Technical Data



355 Hard White



SPECS

FEATURES

355 Hard White is perfect for the production of opaque, durable and accurate 3D printed parts. Printed parts exhibit similar properties to that of production ABS and PBT. 355 Hard White has a deep white colour after post processing and can be painted if needed.

355 Hard white is ideal for use where parts would usually be machined or injection moulded from ABS or PBT. It also lends itself excellently to the automotive industry for use for styling parts as well as functional fitting parts such as light surrounds.

Key Benefits:

- Accurate
- Easy to use
- Excellent water resistance
- Easy to print and paint

Ideal Applications:

- Master patterns for vacuum casting
- Durable and functional prototypes
- Low volume production parts

DATA

Viscosity <small>(At 25°C Brookfield spindle 3)</small>	290 cPs
Hardness <small>ASTM D2240 (After post exposure)</small>	87 Shore D
Tensile strength <small>ASTM D638 (After post exposure)</small>	42 MPa
Tensile modulus <small>ASTM D638 (After post exposure)</small>	2420-2610
Elongation at break <small>ASTM D638</small>	6-10 %
Flexural Strength <small>ASTM D 790</small>	42 MPa
Flexural Modulus <small>ASTM D 790</small>	2100 MPa
Impact strength <small>ASTM D 256</small>	22.0 J/m
Heat deflection temp <small>ASTM D648</small>	49 °C
Tg <small>ASTM D648</small>	44 °C
Storage	10<t>50°C
Density	1.09 g/cm ³
Ec (mJ/cm²)	25.0
Dp (mils)	5.5

AVAILABLE COLOURS

White only

Available in 18 kg pails or 200 kg drums

Profiles available on request