

ABL (STEVENS) RESIN & GLASS
Unit 4 Millbuck Way
Springvale Industrial Estate
Sandbach
Cheshire CW11 3HT
Tel.01270 766685/529111
www.resin-supplies.co.uk

***General Purpose
Laminating Resin***

DESCRIPTION

*Dicyclopentadiene modified
Unsaturated Polyester Resin
in Styrene Monomer
Medium Reactivity
Thixotropic
Pre-Accelerated
Unpigmented
Low Styrene Emission*

SPECIFICATION

*Viscosity Rotothinner
@ 25°C 2.3 - 2.8 dPaS
Monomer Content 39 - 43%
Appearance Light Amber
Thixotropic Liquid*

APPLICATION

Spray or Hand Laminating

TYPICAL PROPERTIES

20°C, 2% MEKP⁽¹⁾

*Gel time 16 - 20 minutes
Shelf Life 3 months*

CHARACTERISTICS

*Overall reduction in Styrene
emission during processing.*

USE AREAS

General Purpose Laminating

| | <u>CAST</u> | <u>LAMINATE</u> |
|--------------------------|--------------------|------------------------|
| <i>Tensile Strength</i> | <i>56</i> | <i>110 MPa</i> |
| <i>Tensile Modulus</i> | <i>3.5</i> | <i>6.7 GPa</i> |
| <i>Flexural Strength</i> | <i>100</i> | <i>186 MPa</i> |
| <i>Flexural Modulus</i> | <i>4.0</i> | <i>6.0 GPa</i> |
| <i>Elongation</i> | <i>1.8%</i> | <i>-</i> |
| <i>HDT (1.8MPa)</i> | <i>66°C</i> | <i>-</i> |
| <i>Barcol Hardness</i> | <i>40 - 45</i> | <i>40 - 50</i> |

⁽¹⁾ HA2 - Peroxid-Chemie
Butanox M50 - Akzo Chemie