

## ENYDYNE® H 68233

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### Product type

Unsaturated polyester resin in styrene, DCPD

### Appearance

Amber

### Main resin characteristics

High reactivity, Medium viscosity

### Main applications

General purpose

### Moulding informations

Hand lay up and Spray up

### Shelf life and storage

Store in the shade, out of direct sunlight. Keep storage temperature below 25°C. Unseal container just before use. Shelf-life will be reduced reaching higher temperature. Use before reported shelf-life

### Precaution for handling

Read carefully the Safety Data Sheet

### Note

## FEATURES OF THE LIQUID RESIN

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm <sup>3</sup>	1,11
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CU023V	mPa.s	380 - 480
Solid content	MT-CU001C	%	67 - 71
Reactivity	at 23°C + 1,2% Co 1% + 1,5% MEKP50		
Gel time	MT-CU152R	min:sec	10:30 - 13:30
23°C - Peak	MT-CU152R	minutes	17 - 23
Exothermic peak	MT-CU152R	°C	140 - 160
Shelf life at 23°C in the dark	MT-CU002S	months	9

## PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	16 h at 40°C + 2 h at 90°C (+ 2 h at 120°C for HDT)		
Tensile strength	ISO 527 (2012)	MPa	45
Tensile modulus	ISO 527 (2012)	MPa	2734
Elongation at break	ISO 527 (2012)	%	6,81
Flexural strength	ISO 178 (2011)	MPa	85
Flexural modulus	ISO 178 (2011)	MPa	2498
HDT	ISO 75 -2A (2013)	°C	74

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