

Chemical/Physical Nature

ZC-191P unsaturated polyester resin features pre-accelerated, low viscosity, good mechanical strength and ductility

Benefits and Application

ZC-191P unsaturated polyester resin suitable for manufacture all kinds of FRP products .

Liquid Resin Typical Properties

Property	Value	Unit	TM
Appearance	Red purpose transparent liquid	-	-
Acid value	25-30	mgKOH/g	GB/T 2895-2008
Viscosity, 25°C	0.25-0.45	Pa.s	GB/T 7193-2008
Solid content	61-67	%	GB/T 7193-2008
Gelation time 25°C	14-20	min	GB/T 7193-2008

Unfilled Castings Typical Properties

Property	Value	Unit	TM
Appearance	Casting body no fault	-	-
Barcol Hardness	43	-	GB/T 3854-2005
HDT	68	°C	GB/T 1634-2004
Break elongation	-	%	GB/T 2567-2008
Tensile strength	112	Mpa	GB/T 2567-2008
Tensile modulus	70	Mpa	GB/T 2567-2008

FRP Typical Properties

Property	Value	Unit	TM
Barcol Hardness	43	-	GB/T 3584-2005
Flexural strength	365	Mpa	GB/T 1449-2005
Tensile strength	290	Mpa	GB/T 1447-2005

Package

ZC-191P resin packaging: net weight 220 kg, metal barrel. Special packaging requirements, please contact us.

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