



**TECHNICAL DATA SHEET**  
VINYL ESTER RESIN ( VE-300 )

PROPERTIES	UNIT	VALUE	TEST METHOD
TENSILE STRENGTH	MPA	60-65	ISO 527-2/1A/2
BREAK ENERGY	KJ	9.1	ISO 527-2/1A/2
BREAK STRAIN	%	1-2	ISO 527-2/1A/2
FLEXURAL STRENGTH	MPA	120-130	ISO 178
HDT	°C	100-110	ISO 75-2/METHOD 1 e
HARDNESS	BARCOL	38-42	ASTM D2583
WATER ABSORPTION	%	0.29	ISO 62/METHOD 3
GEL TIME	MIN	14-20	ASTM D2471
EXOTHERMIC PEAK	°C	180-200	ASTM D2471
ACID VALUE	Mg KOH/gr	15-20	ASTM D1639
SOLID CONTENT	%	58-60	ASTM D1259
VISCOSITY (25°C)	FORD CUP	100-120	ISO 2555
DENSITY	g/ml	1.05-1.1	ISO 1675
SHELF LIFE	MONTHS	6	-