## DAFTAR SINGKATAN DAN LAMBANG

SEA=Specific Energy absorbtionm=MassaNm=Newtonmeterj=JoulekJ=kilojoulemm=milimeterDOE=Design of ExperimentMPa=MegapascalNm=NanometerNCAP=New Car Assessment ProgramFEA=Finite Element AnalysysNHTSA=National Highway Traffic Safety AdministrationFi=Force (N)	EA	=	Energy absorbtion
Nm=Newtonmeterj=JoulekJ=kilojoulemm=milimeterDOE=Design of ExperimentMPa=MegapascalNm=NanometerNCAP =New Car Assessment ProgramFEA=Finite Element AnalysysNHTSA =National Highway Traffic Safety AdministrationFi=Force (N)	SEA	=	Specific Energy absorbtion
j=JoulekJ=kilojoulemm=milimeterDOE=Design of ExperimentMPa=MegapascalNm=NanometerNCAP =New Car Assessment ProgramFEA=Finite Element AnalysysNHTSA =National Highway Traffic Safety AdministrationFi=Force (N)	m	=	Massa
kJ=kilojoulemm=milimeterDOE=Design of ExperimentMPa=MegapascalNm=NanometerNCAP=New Car Assessment ProgramFEA=Finite Element AnalysysNHTSA=National Highway Traffic Safety AdministrationFi=Force (N)	Nm	=	Newtonmeter
mm=milimeterDOE=Design of ExperimentMPa=MegapascalNm=NanometerNCAP =New Car Assessment ProgramFEA=Finite Element AnalysysNHTSA =National Highway Traffic Safety AdministrationFi=Force (N)	j	=	Joule
DOE =Design of Experiment $MPa =$ Megapascal $Nm =$ Nanometer $NCAP =$ New Car Assessment Program $FEA =$ Finite Element Analysys $NHTSA =$ National Highway Traffic Safety Administration $Fi =$ Force (N)	kJ	=	kilojoule
MPa=MegapascalNm=NanometerNCAP =New Car Assessment ProgramFEA=Finite Element AnalysysNHTSA =National Highway Traffic Safety AdministrationFi=Force (N)	mm	=	milimeter
Nm =NanometerNCAP =New Car Assessment ProgramFEA =Finite Element AnalysysNHTSA =National Highway Traffic Safety AdministrationFi =Force (N)	DOE	=	Design of Experiment
NCAP =New Car Assessment ProgramFEA =Finite Element AnalysysNHTSA =National Highway Traffic Safety AdministrationFi =Force (N)	MPa	=	Megapascal
FEA = Finite Element Analysys NHTSA = National Highway Traffic Safety Administration Fi = Force (N)	Nm	=	Nanometer
NHTSA =National Highway Traffic Safety AdministrationFi =Force (N)	NCAP =		New Car Assessment Program
Fi = Force (N)	FEA	=	Finite Element Analysys
	NHTSA =		National Highway Traffic Safety Administration
	Fi	=	Force (N)
$Y_i = Displacement (mm)$	Yi	=	Displacement (mm)