



,QSXW	7HVW 3ODQ 3UHIL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH &F DH &RQGLWLRQ
\$,75		3:& :7 /+ 57'	

7HVW SURX5 3:& :7 /+ 57'

0DWHULDO & ) 5: 1RUPDOLJDWLRQ &XUH 3O\ 7K3ONLGHVV	\$&* ,QF
7HVW 7\SH :DUS 7HQVLOH &RQGLWLRQ 57'	0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR	/DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDWLPDWH	8QDWLPDWH 6WUHQJWK NVL 3RLVVRQ	1RWHV
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH
\$,75 3:& :7 % /+ 57				1RW 7HVWH

0LQLPXP	
0D[LXP	
\$YHUDJH	
6WDQGDUG 'HYLDWLRQ	
&RHIILFLHQW RI 9DULDWLRQ	
1R 6SHFLPHQV	

1RWHV  
 17 1RW 7HVWHG  
 15 1R 5HVXOW  
 \*( \*DJH (UURU  
 )0 )DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[  
\$,75  
7HVW \$URX

7HVW 3ODQ 0DWHULDO 7HVW  
3:& :7 /+ (7:

&XUH &\FOH &RQGLWLRQ



,QSXW 7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
 \$,75 3:& )7 /+ &7'  
 7HVW \$,75 3:& )7 /+ &7'  
 0DWHULDO &) 5: 1RUPDOLJDWLRLQ &XUHG 3O\ 7K\ 3ONLQHVV \$&\* ,QF  
 7HVW 7\SH )LOO 7HQVLOH &RQGLWLRQ &7' 0DWHULDO 3URFHVV  
 7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR /DERUDWRU\ 5HSRUW  
 6SHFLPHQ , ' /HQJWK LQ :LQWK LQ  
 \$,75 3:& )7 % /+ &7' /\$7 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\*0 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\$7 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\$% 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\$7 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\$7 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\$7 1RW 7HVWH  
 \$,75 3:& )7 % /+ &7' /\*7 /\$%0 1RW 7HVWH



1RWHV  
 17 1RW 7HVWHG  
 15 1R 5HVXOW  
 \*( \*DJH (UURU  
 )0 )DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& )7 /+ 57'  
7HVW SUR,75 3:& )7 /+ 57'  
0DWHULDO



7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& )7 /+ (7:  
7HVW SUR,75 3:& )7 /+ (7:  
0DWHULDO 3OLHV\_ \$&\* ,QF  
7HVW 7\SH\_)LOO 7HQVLOH &RQGLWLRQ 0DWHULDO 3URFHVV  
7HVW 0HWKRG\_03\_ \$670' 0RGXOXV 3RLVVRQ V\_5DQJH\_ &KRUG WR /DERUDWRU\ 5HSRUW  
0HDV(XUR)UPDOLJH



, QSXW	7HVW 3ODQ 3UHIL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH &F DH &RQGLWLRQ
\$,75		3:& :& /+ 57'	

7HVW SURX5 3:& :& /+ 57'

0DWHULDO & ) 5: 1RUPDOLJDWLRQ &XUH 3O\ 7K3ONLGHVV	\$&* ,QF
7HVW 7\SH :DUS &RPSUHVV&RQGLWLRQ 57'	0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR	/DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ	0DWHULDO 3URFHVV
\$,75 3:& :& % /+ 57'				7*0
\$,75 3:& :& % /+ 57'				+*0 +
\$,75 3:& :& % /+ 57'				7*0 *(
\$,75 3:& :& % /+ 57'				%*0
\$,75 3:& :& % /+ 57'				%**
\$,75 3:& :& % /+ 57'				+*0
\$,75 3:& :& % /+ 57'				%*0
\$,75 3:& :& % /+ 57'				%, %*0 +

0LQLPXP	
0D[LXP	
\$YHUDJH	
6WDQGDUG 'HYLDWLRQ	
&RHIILFLHQW RI 9DULDWLRQ	
1R 6SHFLPHQV	

1RWHV  
 17 1RW 7HVWHG  
 15 1R 5HVXOW  
 \*( \*DJH (UURU  
 )0 )DLOXUH 0RGH 8QDFFHSWDEOH



, QSXW	7HVW 3ODQ 3UHL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH &F DH &RQGLWLRQ
\$,75		3:& :& /+ (7:	
7HVW SURX5 3:& :& /+ (7:			
0DWHULDO &)	5: 1RUPDOL]DWLRQ	&XUH 3O\ 7K3ONLHV	\$&* ,QF
7HVW 7\SH	:DUS &RPSUHVV&RQGLWLRQ (7:		0DWHULDO 3URFHVV
7HVW 0HWKRG 03	\$670' 0RGXOXV 3RLVVRQ V 5DQJH	&KRUG WR	/DERUDWRU\ 5HSRUW
6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ
\$,75	3:& :& % /+ (7	:LGWK 7KLFNO/RWG OE	DLOXUH 0DWHULDO 0DWHULDO
\$,75	3:& :& % /+ (7		+*7
\$,75	3:& :& % /+ (7		+*7
\$,75	3:& :& % /+ (7		%*0
\$,75	3:& :& % /+ (7		+*0
\$,75	3:& :& % /+ (7		%*%
\$,75	3:& :& % /+ (7		+*%
\$,75	3:& :& % /+ (7		+*% *(
\$,75	3:& :& % /+ (7		+*% *(
0LQLPXP			
0D[LXP			
\$YHUDJH			
6WDQGDUG 'HYLDWLRQ			
&RHIILFLHQW RI 9DULDWLRQ			
1R 6SHFLPHQV			
1RWHV 17 1RW 7HVWHG 15 1R 5HVXOW *( *DJH (UURU )0 )DLOXUH 0RGH 8QDFFHSWDEOH			

7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& :& /+ (7:  
7HVW SUR,75 3:& :& /+ (7:  
0DWHULDO \_\_\_\_\_ 3OLHV\_ \$&\* ,QF  
7HVW 7\SH :DUS &RPSUHVV&RQGLWLRQ 0DWHULDO 3URFHVV  
7HVW 0HWKRG 03 \$670'



, QSXW 7HVW 3ODQ 3UHLI 7HVW 3ODQ 0DWHULDO 7HVW &XUH &FDH &RGLWLRQ  
 \$,75 3:& )& /+ 57'

7HVW SURX5 3:& )& /+ 57'

0DWHULDO &) 5: 1RUPDOL]DWLRQ &XUH 3O\ 7K3ONLHVV \$&\* ,QF  
 7HVW 7\SH )LOO &RPSUHVV&RGLWLRQ 57' 0DWHULDO 3URFHVV  
 7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR /DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ	0DWHULDO	3URFHVV
\$.75 3:& )& % /+ 57'					%*7
\$.75 3:& )& % /+ 57'					+*0
\$.75 3:& )& % /+ 57'					+*7
\$.75 3:& )& % /+ 57'					%*0
\$.75 3:& )& % /+ 57'					%*%
\$.75 3:& )& % /+ 57'					%*0
\$.75 3:& )& % /+ 57'					%*0
\$.75 3:& )& % /+ 57'					%*0
\$.75 3:& )& % /+ 57'					%*0
\$.75 3:& )& % /+ 57'					%*0

0LQLPXP  
 0D[LXP  
 \$YHUDJH  
 6WDQGDUG 'HYLDWLRQ  
 &RHIILFLHQW RI 9DULDWLRQ  
 1R 6SHFLPHQV

1RWHV  
 17 1RW 7HVWHG )& % /+ 57' 0RGXOXV IURP WR  
 15 1R 5HVXOW  
 \*( \*DJH (UURU  
 )0 )DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& )& /+ (7'  
7HVW SUR,75 3:& )& /+ (7'  
0DWHULDO

---



7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& )& /+ (7:  
7HVW SUR,75 3:& )& /+ (7:  
0DWHULDO



, QSXW	7HVW 3ODQ 3UHL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH & \FDH & RQGLWLRQ
\$,75		3:& )& /+ (7:	
7HVW SUR, X5	3:& )& /+ (7:		
0DWHULDO & )	5: 1RUPDOL]DWLRQ	&XUH 3O\ 7K 3ONLGHVV	\$&* , QF
7HVW 7\SH )LOO &RPSUHVVV&RQGLWLRQ (7:			0DWHULDO 3URFHVV
7HVW 0HWKRG 03	\$670' 0RGXOXV 3RLVVRQ V 5DQJH	&KRUG WR	/DERUDWRU\ 5HSRUW
6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ &XUH
\$,75 3:& )& % /+ (7			+*% *( *)
\$,75 3:& )& % /+ (7			+*0 *( *)
\$,75 3:& )& % /+ (7			+*7 *( *)
\$,75 3:& )& % /+ (7			+*% *( *)
\$,75 3:& )& % /+ (7			%*0 *( *)
\$,75 3:& )& % /+ (7			+*0 *( *)
\$,75 3:& )& % /+ (7			+*0 *( *)
\$,75 3:& )& % /+ (7			+*0 *( *)
0LQLPXP			
0D[LXP			
\$YHUDJH			
6WDQGDUG 'HYLDWLRQ			
&RHIILFLHQW RI 9DULDWLRQ			
1R 6SHFLPHQV			
1RWHV			
17 1RW 7HVWHG			
15 1R 5HVXOW			
*( *DJH (UURU			
)0 )DLOXUH 0RGH 8QDFFHSWDEOH			

7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& ,36 /+ &7'  
7HVW SUR75 3:& ,36 /+ &7'  
0DWHULDO 1RUPDOLIDWLRQ &X\$HG 3O\ 7KLFNQHVV \$&\* ,QF  
7HVW 7\SH " f ,Q 3ODQH 6K&RQGLWLRQ &73OLHV \_ 0DWHULDO 3URFHVV  
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WDERUDWRU W  
0RGXOXV 0VL  
2IIV# 6WUDLQ 0D[LPXP 0HDVXUH

,QSXW 7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
 \$,75 3:& ,36 /+ 57'  
 7HVW SURX5 3:& ,36 /+ 57'  
 0DWHU070 &) 5: 1RUPDOLLDWLRQ &X\$HG 3O\ 7KLFNQHVV \$&\* ,QF  
 7HVW 7\SH " f ,Q 3ODQH 6KRQGLWLRQ 573OLHV \_ 0DWHULDO 3URFHVV  
 7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG ~~0DERUD~~ ~~5RUV~~  
 6SHFLPHQ , ' /HQJWK LQ ` 5: 2IIV# 6WUDLQ 0D[LPXP( 0HDVXUH  
 0RGXOXV 0VL  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17  
 \$,75 3:& ,36 % /+ 57' 17



1RWHV  
 17 1RW 7HVWHG  
 15 1R 5HVXOW  
 1\$ 1RW \$SSOLFDEOH  
 )0 )DLOXUH 0RGH 8QDFFHSDWDEOH  
 \*( \*DJH (UUR



, Q S X W	7 H V W 3 O D Q 3 U H I L	7 H V W 3 O D Q	0 D W H U L D O	7 H V W	& X U H & \ F O H	& R Q G L W L R Q
\$,75		3 : & , 36	/ +	( 7 :		

7 H V W \$ 7 5 3 : & , 36 / + ( 7 :

0 D W H U L D O & ) 5 :	1 R U P D O L D W L R Q & X S H G 3 O \ 7 K L F N Q H V V	\$ & * , Q F
7 H V W 7 \ S H " f , Q 3 O D Q H 6 K & R Q G L W L R Q	( 7 3 O L H V _	0 D W H U L D O 3 U R F H V V
7 H V W 0 H W K R G 0 3 \$ 6 7 0 ' 0 R G X O X V 3 R L V V R Q V 5 D Q J H & K R U G		W D E R U D S W R U W

6 S H F L P H Q , '	/ H Q J W K : L Q W K	L Q	7 K L F N Q H V V	& X U H G 3 O V	0 R G H 6 K H D U 6 W U H Q J W K 0 R G X O X V	0 V L
\$,75	3 : & , 36 % / +	( 7 :			2 1 1 # 6 W U D L Q 0 D [ L P X P	0 H D V X U H
\$,75	3 : & , 36 % / +	( 7 :				
\$,75	3 : & , 36 % / +	( 7 :				
\$,75	3 : & , 36 % / +	( 7 :				
\$,75	3 : & , 36 % / +	( 7 :				
\$,75	3 : & , 36 % / +	( 7 :				
\$,75	3 : & , 36 % / +	( 7 :				
\$,75	3 : & , 36 % / +	( 7 :				

0 L Q L P X P						
0 D [ L P X P						
\$ Y H U D J H						
6 W D Q G D U G ' H Y L D W L R Q						
& R H I I L F L H Q W R I 9 D U L D W L R Q						
1 R 6 S H F L P H Q V						

1 R W H V  
 17 1 R W 7 H V W H G  
 15 1 R 5 H V X O W  
 1 \$ 1 R W \$ S S O L F D E O H  
 ) 0 ) D L O X U H 0 R G H 8 Q D F F H S W D E O H  
 \* ( \* D J H ( U U R

7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& 6%6 /+ 57'  
7HVW \$UR75 3:& 6%6 /+ 57'  
0DWHULDO 1RUPDOLDWLRQ &XUH 3O\ 7KLFNQH\$V\* ,QF  
7HVW 7\SH 6KRUW %HDP 6KHD&RQGLWLRQ 57'3OLHV \_ 0DWHULDO 3URFHVV  
7HVW 0HWKRG 03 \$670' 6SDQ W \_ /DERUDWRU\ 5HSRUW

0HDV(XUH1RUPDOLJH

\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'  
\$,75 3:& 6%6 % /+ 57'

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y





,QSXW 7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
 \$,75 3:& 6%6 /+ (7: 3:& 6%6 /+ (7:  
 7HVW \$,75 3:& 6%6 /+ (7:  
 0DWHU070 &) 5: 1RUPDOLDWLRQ &XUH 3O\ 7KLFNQ\$&\* ,QF  
 7HVW 7\SH 6KRUW %HDP 6KHD&RQGLWLRQ (7: 3OLHV \_ 0DWHULDO 3URFHVV  
 7HVW 0HWKRG 03 \$670' 6SDQ W\_\_ /DERUDWRU\ 5HSRUW  
 6SHFLPHQ , ' /HQJWK LQ )DLOXUH 0RGH 8QDFFHSWDEOH  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: ,/6  
 \$,75 3:& 6%6 % /+ (7: )&&  
 \$,75 3:& 6%6 % /+ (7: ,/6



1RWHV  
 17 1RW 7HVWHG  
 15 1R 5HVXOW  
 )0 )DLOXUH 0RGH 8QDFFHSWDEOH



7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& 2+7 /+ 57'  
7HVW \*URXS \$,75 3:& 2+7 /+ 57'  
0DWHULDO 1RUPDOL]DWLRQ&XISHG 3O\ 7KLFNQHVV \$&\* ,QF  
7HVW 7\SH 2SHQ +ROH 7HQVLRQ /D\X&RQGLWLRQ 573OLHV \_ 0DWHULDO 3URFHVV  
7HVW 0HWKRG 03 \$670' /DERUDWRU\ 5HSRUW

0HDVXUHRUPDOL]H

\$,75 3:& 2+7 % /+ 57'



7HVW 3ODQ 3UHIL[ 7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ  
\$,75 3:& 2+7 /+ (7:  
7HVW \*URXS \$,75 3:& 2+7 /+ (7:  
0DWHULDO 1RUPDOL]DWLRQ&XISHG 3O\ 7KLFNQHVV \$&\* ,QF  
7HVW 7\SH 2SHQ +ROH 7HQVLRQ /D\X&RQGLWLRQ (73OLHV \_ 0DWHULDO 3URFHVV  
7HVW 0HWKRG 03 \$670' /DERUDWRU\ 5HSRUW

0HDVXUHRUPDOL]H



7HVW 3ODQ 3UHIL[	7HVW 3ODQ 0DWHULDO	7HVW	&XUH &\FOH &RQGLWLRQ
\$,75	3:& 2+& /+ 57'		
7HVW *URXS \$,75	3:& 2+& /+ 57'		
0DWHULDO	1RUPDOLIDWL&RQHGS 3O\ 7KLEHQHV	\$&* ,QF	
7HVW 7\SH 2SHQ +ROH &RPSUHVVL&RQHGS 3O\ 7KLEHQHV	3D\LHV_	0DWHULDO 3URFHVV	
7HVW 0HWKRG 03 \$670'		/DERUDWRU\ 5HSRUW	
	+ROH (GRGH (GJH		
	6LGH I (QG J		( 0HFDU\KUL]H
\$,75	3:& 2+& % /+ 57'		0 /*
\$,75	3:& 2+& % /+ 57'		0 /*
\$,75	3:& 2+& % /+ 57'		





,QSXW	7HVW 3ODQ 3U	HIL	7HVW 3ODQ	ODWHULDO	7HVW	&XUH	& \FOH	&RQGLW	RQ
	\$.75		3:&	2+&	/+	(7:			

7HVW \*URXS \$.75 3:& 2+& /+ (7:

ODWHU	LD70	&)	5:	1RUPDOL	DWLRQ	HGS	30\	7KLFNQHV	\$&* ,QF
7HVW	7\SH	2SHQ	+ROH	&RPSUHVV	LRQ	DLWS	RQ	37OLHV	ODWHULDO 3URFHVV
7HVW	0HWKRG	03	\$670'						/DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	/HQQJW	KLGWK	7KLFNQ	8KUHG	30\	+ROH	(GRGH	(GJH	WK'LD	PHW	8OWLP	DW	WLPDWH	6WU)	DL	DK	HNVL
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *
\$.75	3:&	2+&	% /+	(7:													0 / *

0LQLPXP																	
0D[LXP																	
\$YHUDJH																	
6WDQGDUG	'HYLDWLRQ																
&RHILFLHQW	RI 9DULDWLRQ																
1R	6SHFLPHQV																

1RWHV  
 17 1RW 7HVWHG RU ([FOXGHG  
 15 1R 5HVXOW  
 1\$ 1RW \$\$\$OLFDEOH  
 )0 )DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[

7HVW 3ODQ 0DWHULDO 7HVW

&XUH &\FOH &RQGLWLRQ







normalizing t<sub>ply</sub>  
[in]

Specimen Number	ACG Code	ACG Batch #	ACG Cure Cycle	Prepreg Lot #	Cure Cycle Batch #	Measured Impact Energy (in-lbf)	Strength [ksi]	Avg. Specimen Thickn. [in]	# Plies in Laminate	Failure Mode	Avg. t <sub>ply</sub> [in]	Strength <sub>norm</sub> [ksi]
&..%+\$	3:&&\$,% /+	57'	%	/+						/'0		
&..%+\$	3:&&\$,% /+	57'	%	/+						/'0		
&..%+\$	3:&&\$,% /+	57'	%	/+						/'0		
&..%+\$	3:&&\$,% /+	57'	%	/+						/'0		
<b>Average</b>							<b>31.709</b>			<b>Average<sub>norm</sub></b>		<b>32.322</b>
<b>Standard Dev.</b>							<b>1.067</b>			<b>Standard Dev.<sub>norm</sub></b>		<b>1.038</b>
<b>Coeff. of Var. [%]</b>							<b>3.365</b>			<b>Coeff. of Var. [%]<sub>norm</sub></b>		<b>3.213</b>
<b>Min.</b>							<b>30.183</b>			<b>Min.</b>		<b>30.909</b>
<b>Max.</b>							<b>32.672</b>			<b>Max.</b>		<b>33.344</b>
<b>Number of Spec.</b>							<b>4</b>			<b>Number of Spec.</b>		<b>4</b>

Specimen Number	ACG Code	ACG Batch #	ACG Cure Cycle	Prepreg Lot #	Cure Cycle Batch #	Measured Impact Energy (in-lbf)	Strength [ksi]	Avg. Specimen Thickn. [in]	# Plies in Laminate	Failure Mode	Avg. t <sub>ply</sub> [in]	Strength <sub>norm</sub> [ksi]
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\$YHUDJH

\$pÀ

\$YHUDJH