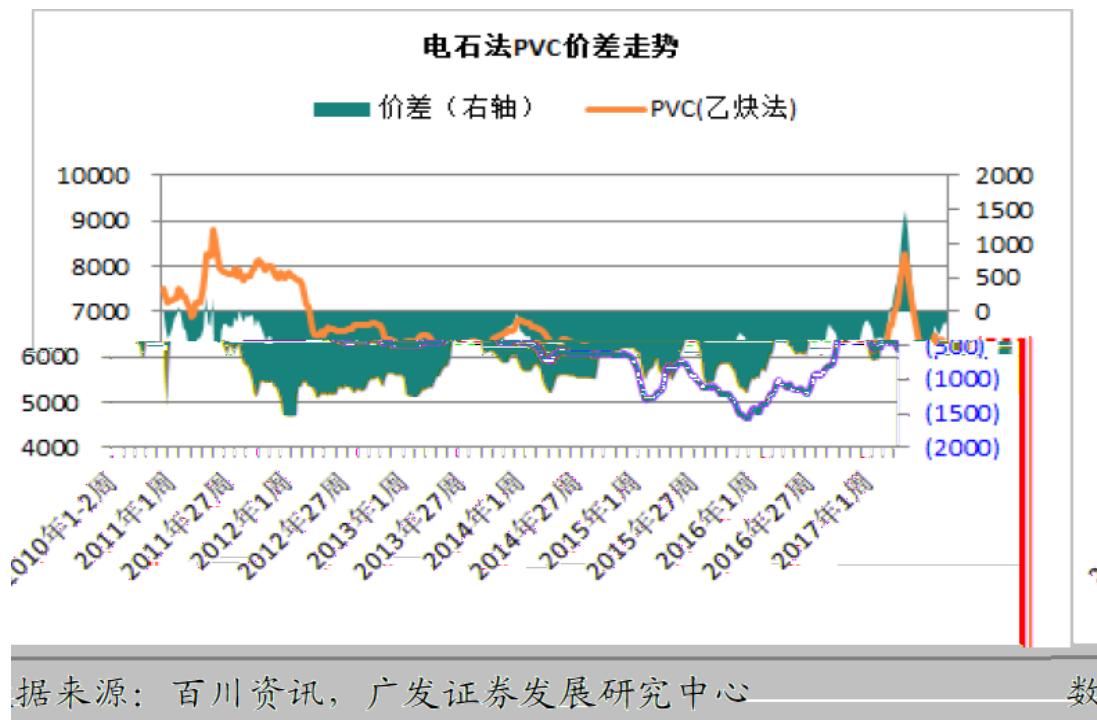




1.

		30.6%	R410a	11.8%	R125	7.0%	R22	6.6%
	6.3%	6.1%						
		31%	-33.8%		-15.2%		-14.2%	
	-14.0%	-13.1%		-12.7%	SBS	-11.8%		-11.3%
PA6	-9.4%	-8.7%	-7.4%		-6.8%		B2	-6.3%
		-5.9%	-5.9%		-5.5%		-5.4%	
	-5.3%							
		PTA	298.0%	20.6%		12.6%	R22	10.9%
BDO	9.6%	DMF	5.0%					
		PVC	-59.0%		PVC	-14.4%		-5.6%
	-5.6%	TDI	-5.1%					



1.	"	"	30	
				2016
"	"		2016	78.57



	77.9%		467		44%		6.37	
	97%							
2.						27		
	50	60					27	
			50	55	60			
	2014							
		2017			600-700			
	18%	66%	15%				10%-30%	3 2
		"	"		2000			
			2017	"	"			
	1,102				765			
3.			5.3		21		00857	601857
				763.8			5.3	
	3008.3			3.6		1265.3		
1.9				37.99		2015	48.35	21.4
		606.35		2015	23.5			
4.1					1			388.49
		2.08				1630.8	52.99	
	223.39		4.22					
			600567					
5.			3	29				20
P p \ † O @: Qp Ç F € Q ` P , , , € à ð D , f U € A ü 5 Ç 0								



	EVERUN ISO 3	FREEDOM ISO 5000	1	Triumph ISO2 Saucony	Hurricane ISO2 2017~2018	Saucony Guide 9 1000	Triumph 1000
7.	2017	2	3	1000	/	3	28
8.	2017	5	3	4	2	4	2
9.							5
10.					8000	/	
11.	2016	34				3	28
12.	2016	800		27			34.45
	9.88%	6193.75		338,507		6.97%	12,304
		57.77%		23.72%			195,557
		2015		290.95%			2016
		-		3	27		600985
	Dow Chemical			Dupont		1300	" "



13. 20 30 BP 2017
 20
 2015 2035 30%
 1.3% GDP 3.4%
 2035
 26% 35% 45%
 3% 21 20
 7.6%
 20



2017 1
 30 3
 3 60 2018
 3 60 11 3
 60 2018 5 3
 2017

" "
 2016



238 /

1056 /

753 /

3

2016 10

1

30

1 2

16

33

2

8

60 1 23

.....

30

/

40 /

50 /