

?4??/???????????

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??????PPS????????4000~5000??????75%????????PPS?????????
????PPS????????????????????????????????10~20????????PPS?????????
??200?

????

?1????????????????PPS????50????????????PPS?280~330??40%GFPP
S?300-350????????PPS?305??40%GFPPS?330????????120-180????????50-130MPA?

?2????????????????????????????200????????300-340????????320-340????????300-320??

?3????????????????????????????????????PPS?360???15min,GFPPS?380???20min;?
????10~30Mpa????150????

?4????????????????????????????????PPS????????????????????PPS????????300
????30min?

2??????PPS????????30%????????200????????????????????????????????
??
H??
??

3??????PPS????????45%??
??

4??

5??????PPS????????????????????????

????????

???100~105?

???3hr

2????????

1??????60-80?

2????????220~260????290~310????300~320?

??290~300?

3??????60~70Mpa4????????

5??

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性能项目	试验条件[状态	测试方法	测试数据	数据单位
基本性能	密度	ASTM D-792	1.65	g/10min
	吸水率	ASTM D-570	0.05	%
物理性能	颜色		Black	
机械性能	抗拉强度	ASTM D-638	26.0	Ksi
	IZOD冲击强度 1/8inch有缺	ASTM D-256	1.4	ft.lbf/in
	1/8inch无缺		8.0	
	抗拉模数	ASTM D-790	2.2	Msi
	抗压强度	ASTM D-695	32.0	
	抗折强度		37.0	
	弹性模数			
	伸长率		1.5	
电气性能	绝缘电阻		90 ,48hrs	1 × 10
	体积电阻率	ASTM D-257		1 × 10 .cm
	电弧踪迹	UL 746A	5.2	in/min
	介电常质数	1MHz	ASTM D-149	4.1
	介电常质数	1KHz	ASTM D-150	
	损耗因素		0.004	
	CTI踪迹		130	V
	捐耗因素		0.002	
	耐电弧	ASTM D-495	Sec	
	绝缘破坏电压	ASTM D-149	500	V/mil
热性能	热变形温度	ASTM D-648	>260	
	燃烧性	UL 94	V-0/5VA	
	UL温度指数	UL	200/220	