

TECHNICAL DATA SHEET

DDP DPP

EFFECTIVE DATE 发布日期	March 8, 2020
REVISED DATE 修改日期	August 11, 2021
TRADE NAME 产品名称	DDP / DPP / DIAMOND DOTTED PAPER /DIAMOND PATTERN PAPER
REFERENCE STANDARD 参考标准	IEC 60641-2:2002 JB/T 10442.3-2004

SECTION I - MISC CHARACTERISTICS 第1部分-主要特点					
DESIGNATION 标识	CODE	DDP0.08	DDP0.13	DDP0.18	DDP0.25
Tolerance 公差	mm	± 0.005	± 0.007	± 0.010	± 0.010
DENSITY 密度	g/cm ³	0.90 - 1.10			
WATER CONTENT 含水性	%	4.0 - 8.0			
PH FROM WATR EXTRACT OIL 水抽出物PH	N/A	6.5 - 8.5			
RESIN LAYER (APPROX.) 树脂层厚度	µm	20 - 25	20 - 25	20 - 25	20 - 25
CHEMICAL FAMILY 化学品类	Resin	Epoxy	Epoxy	Epoxy	Epoxy
REINFORCEMENT TYPE 增强材料 Colour 颜色	Paper	Natural-coloured press-paper made of 100% unbleached sulfate cellulose Nature, Printed resin can be red or nature colors			

SECTION II - MECHANICAL CHARACTERISTICS 第2部分-机械性能					
TENSILE STRENGTH 拉伸强度	MD CMD	MPa	≥ 75 ≥ 35	≥ 75 ≥ 35	≥ 75 ≥ 35
SHRINKAGE 收缩率	MD CMD	%	≤ 1.0 ≤ 1.5	≤ 1.0 ≤ 1.5	≤ 1.0 ≤ 1.5
BONDING STRENGTH 粘结强度		kPa	≥ 650	≥ 650	≥ 650

SECTION III- ELECTRICAL DATA 第3部分-电气性能					
BREAKDOWN VOLTAGE 击穿电压		kV	≥ 0.7	≥ 1.10	≥ 1.6
BREAKDOWN VOLTAGE 击穿电压	(90° C, Oil)	kV	≥ 4.0	≥ 7.0	≥ 9.0
CONDUCTIVITY OF THE AQUEOUS EXTRACT 水抽出物导电系数		mS/m	≤ 10.0	≤ 10.0	≤ 10.0

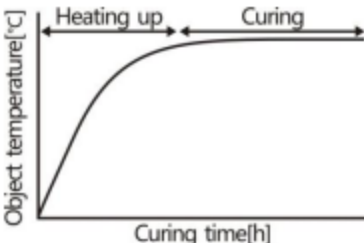


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SECTION IV- SIZE AVAILABLE 第4部分- 尺寸					
THICKNESS (MM)	D660 ± 20	D980 ± 20	D1220 ± 20	D1520 ± 20	D1920 ± 20
0.08	√	√	N/A	N/A	N/A
0.13	√	√	N/A	N/A	N/A
0.18	√	√	√	√	√
0.25	√	√	√	N/A	N/A
0.35*	N/A	√	N/A	N/A	N/A

SECTION V - REACTIVITY DATA 第5部分-反应相关数据	
CHEMICAL STABILITY 化学稳定性	Stable under normal conditions. 正常情况下稳定
INCOMPATIBLE MATERIALS 不相容物质	Exposure to strong acids or bases will cause damage 接触强酸或强碱会造成损坏
STORAGE AND USE EFFECTS 储存与使用影响	Conventional performance remains stable within 1 year. Exposure to sunlight and high humidity environment without proper protections will cause performance degradation. 性能在1年内保持稳定，没有适当保护措施暴露在阳光下和高湿环境中，会性能的降低。
HAZARDOUS COMPONENTS 有害物质	No OSHA Hazardous Ingredients

SECTION VI - CURING CONDITIONS 第6部分-固化条件	
	<p>The curing period varies depending on the temperature selected: 105 ° C/3h or 120 ° C/1.5h. 固化时间取决于所选温度：105°C/3h或120°C/1.5h。</p> <p>The object temperature is the temperature be measured in the coil. 对象温度是线圈中要测量的温度。</p> <p>The heat-up phase of the coils must be finished no later than after 4 hrs. 线圈的加热阶段必须在4小时内完成。</p> <p>Curing temperature under 100 ° C is not recommended. 固化温度不建议低于100°C。</p>

Notes:

备注:

All information recommendations and suggestions appearing herein concerning this product are average values ascertained at room temperature by regularly statistic analyses, it is provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sales. The values here are not legally binding or fully comply with standards so that we cannot accept any responsibility for the accuracy. In addition, the data mentioned in above table are average values ascertained by current statistical returns and tests.

此处出现的有关此产品的所有信息推荐和建议均基于室温下常规静态测试分析获得的数据，它仅是提供数据，除非在销售合同中另有明确协议，才具有约束力。以上数据并非完全与标准一致。

REFERENCES:

P=PASS, N/P= Not Pass, N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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