



聚酯树脂专业制造商  
Professional Manufacturer of Polyester Resin



2024版



**江苏百思德新材料有限公司**  
Jiangsu BESD New Materials Co.,Ltd.

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## 企业简介

江苏百思德新材料有限公司新建年产10万吨粉末涂料用聚酯树脂项目于2019年在扬州化学工业园区建成投产。项目占地约40000平方米，建筑面积约27000平方米。

江苏百思德新材料有限公司的前身最早创建于1998年，是一家长期专注于粉末涂料用聚酯树脂的生产企业。我们拥有专业的研发团队，先进的自动化生产线，完善的售后服务体系。公司已通过ISO: 9001质量管理及ISO: 14001环境管理体系认证，产品畅销海内外。

我们践行绿色环保的发展理念，以人为本的管理原则。关爱环境、关注质量、与时俱进、不断创新。

我们的宗旨是以客户为本，以质量求市场，以管理求发展；

我们的信念是为客户不断提供更多、更好、更新的产品。

## COMPANY PROFILE

Jiangsu BESD New Materials Co., Ltd. has completed and commenced production of its new project for the annual output of 100,000 tons of polyester resin for powder coatings in 2019, located in the Yangzhou Chemical Industrial Park. The project occupies an area of approximately 40,000 square meters, with a construction area of about 27,000 square meters.

Besd New Materials is a manufacturer that traces its roots back to 1998, with a long-standing focus on the production of polyester resins for powder coatings. We boast a dedicated R&D team, advanced automated production lines, and a comprehensive after-sales service system. Our company proudly holds the ISO 9001 certification for quality management and ISO 14001 certification for environmental management. Our products are well-received and enjoy a strong market presence both domestically and internationally.

We are committed to a sustainable development approach that prioritizes ecological responsibility and a management philosophy that puts people at the heart of our operations. With a deep concern for the environment and a relentless focus on quality, we strive to keep pace with the times and drive innovation forward.



混合型环氧固化聚酯树脂

Polyester Resins For Hybrid Formulations

树脂型号 Type	比例 Ratio	酸值 Acid Value (mgKOH/g)	粘度 Viscosity(pa·s/200°C)	玻璃化温度 Glass Transition Temp (Tg°C)	固化条件 Curing Time (°C/min)	特性说明 Properties
YZ9801	50/50	66~75	3.0~6.0	49~53	180° C×15'	适合做物理消光粉末 For physical extinction powder
YZ9802	50/50	66~75	3.0~6.0	49~53	180° C×15'	高光泽, 机械性能好, 涂层特别耐磨 High gloss, good mechanical properties, particularly wear-resistant coating
YZ9811	50/50	66~75	3.0~6.0	49~53	180° C×15'	高光泽, 机械性能好 High gloss, good mechanical properties
YZ9855	50/50	59~71	1.0~4.0	50	180° C×15'	流平好, 高光泽, 机械性能好, 耐200度以下燃气直接烘烤 Good leveling, high gloss, good mechanical properties, resistant to gas baking below 200°C
YZ9804	60/40	40~48	3.0~6.6	47~51	180° C×15'	适用于低光粉末 For low gloss powder
YZ9816	60/40	50~58	3.5~6.5	51~56	180° C×15'	高光, 冲击性能好, 摩擦型 High gloss, good impact, friction type
YZ9816T	60/40	45~50	3.0~7.0	55~56	180° C×15'	可制备低光粉末涂料, 具有出色的各种机械性能 Low gloss powder coatings can be prepared offers excellent and good mechanical properties
YZ9866	60/40	50~58	3.5~6.5	51~56	180° C×15'	高光, 较好的流平性 High gloss, good leveling
YZ9805	75/25	20~30	3.0~6.0	58~61	180° C×15'	适合做化学消光粉末 For chemical extinction powder

## 户外型TGIC固化聚酯树脂

## Polyester Resins For TGIC Based Formulations

树脂型号 Type	比例 Ratio	酸值 Acid Value (mgKOH/g)	粘度 Viscosity(pa·s/200°C)	玻璃化温度 Glass Transition Temp (Tg°C)	固化条件 Curing Time (°C/min)	特性说明 Properties
YZ9803	93/7	32~38	3.0~6.0	60~63	200° C×12'	通用耐候型, 也能使用HAA固化 General weatherability, can also be cured with HAA
YZ9803A	93/7	28~38	3.0~7.0	60~63	190° C×12'	高光泽, 抗折弯, 快速固化, 更佳的抗烘烤 High gloss, bending resistance, fast cure and more resistant to baking
YZ9810	93/7	32~38	4.0~7.0	63~67	200° C×12'	建材级, 优异的耐候性 Building materials grade, good weatherability
YZ9820	93/7	32~38	3.0~6.0	62~65	200° C×12'	建材级 Building materials grade
YZ9820D	93/7	28~38	2.0~6.0	63~64	200° C×12'	流平好, 适合于制备低光或高光耐候铝型材粉末涂料 Good leveling, suitable for the preparation of low gloss or high gloss aluminum profile powder coatings
YZ9820Q	93/7	28~38	2.0~6.0	63~64	200° C×12'	抗直燃气烘烤, 流平好, 耐候, 优异的户外稳定性 Anti - direct gas baking, good leveling, excellent outdoor stability
YZ9820M	93/7	28~38	2.0~6.0	64~65	200° C×12'	可用于摩擦枪喷涂, 流平性好, 具有优异的户外稳定性 Can be used for spraying friction guns, good leveling, excellent outdoor stability
YZ9830	93/7	32~38	5.0~8.0	64~65	200° C×12'	抗水煮, 反应速度快, 建材级 Boiling resistance, fast reaction speed, building materials grade
YZ9830A	93/7	32~38	4.5~7.5	63~67	200° C×12'	抗水煮, 建材级, 适合做砂纹转印, 优异的耐候性 Boiling resistance, building materials grade, sand grain transfer, good weatherability
YZ9835	93/7	31~37	3.0~6.0	≥62	200° C×12'	流平好, 机械性能好, 建材级 Good leveling, good mechanical properties, building materials grade
YZ9839	93/7	28~32	6.0~8.0	≥62	200° C×12'	可制备光泽较低的砂纹粉末涂料 Sand grain powder coatings with low gloss can be prepared
YZ9843	93/7	32~38	3.0~6.0	60~62	200° C×12'	适合平面, 消光 Suitable for flat, extinction Powder

## 户外型TGIC固化聚酯树脂

## Polyester Resins For TGIC Based Formulations

树脂型号 Type	比例 Ratio	酸值 Acid Value (mgKOH/g)	粘度 Viscosity(pa·s/200°C)	玻璃化温度 Glass Transition Temp (Tg°C)	固化条件 Curing Time (°C/min)	特性说明 Properties
YZ9853	93/7	28~33	3.5~6.5	60~63	200° C×12'	适合消光, 砂纹, 建材级, 抗折弯 Suitable for extinction powder, sand grain, building materials grade, bending resistance
YZ9853L	93/7	28~34	3.0~7.0	≥61	200° C×12'	流平好, 建材级, 可制备低光粉末涂料 Good leveling, building materials grade, can prepare low gloss powder coatings
YZ9853A	93/7	28~33	3.5~6.5	60~63	200° C×12'	适合消光, 砂纹, 一般工业级、抗折弯 Suitable for extinction powder, sand grain, general industry, bending resistance
YZ9863	93/7	32~38	3.0~6.0	60~63	200° C×12'	适合做砂纹粉, 一般工业级 Suitable for sand grain, general industry
YZ9870	93/7	32~38	4.0~7.0	64~68	200° C×12'	抗水煮, 建材级 Boiling resistance, building materials grade
YZ9890	93/7	32~38	3.0~6.0	58~64	200° C×12'	超耐候, 透明粉 Super weatherability, transparent powder
YZ9898	93/7	30~40	3.0~7.0	62~65	160° C×20'	低温固化, 超耐候, 抗水煮, 抗结霜和耐直燃炉烘烤 Fast cured at low T, super weatherability, good boiling resistance, anti frost, resistance to direct burning oven baking
YZ9873	93/7	28~33	4.0~7.0	60~65	200° C×15'	适合砂纹粉, 一般工业级 Suitable for sand grain, general industry
YZ9850	92/8	42~50	3.5~6.5	62~66	200° C×12'	木纹转印, 抗水煮, 建材级 Wood grain transfer, boiling resistance, building materials grade
YZ9880	94/6	28~33	4.0~7.0	63~67	200° C×12'	建材级 Building materials grade

## 户外型HAA固化聚酯树脂

## Polyester Resins For HAA Based Formulations

树脂型号 Type	比例 Ratio	酸值 Acid Value (mgKOH/g)	粘度 Viscosity(pa·s/200°C)	玻璃化温度 Glass Transition Temp (T <sub>g</sub> °C)	固化条件 Curing Time (°C/min)	特性说明 Properties
YZ9813	95/5	26~32	3.0~5.0	56~60	180° C×12'	流平好 Good leveling
YZ9819	95/5	28~32	3.0~6.0	56~60	180° C×12'	耐候性优, 抗黄变性优, 摩擦枪 Good weatherability, excellent anti-yellowing, friction gun
YZ9848	95/5	30~40	3.0~7.0	62~64	165° C×12'	低温固化, 耐水煮和抗结霜, 适合制备各种桔纹粉 Fast cured at low T, good boiling resistance, anti frost, suitable for preparing various orange grain powders
YZ9860	95/5	29~35	2.0~6.0	63~65	190° C×10-12'	建材级, 好的机械性能, 较佳的储存稳定性 Building materials grade, good mechanical properties, good storage stability
YZ9849	95/5	28~34	2.0~6.0	61~62	180° C×12'	高光泽, 流平好, 可制备低光粉末涂料 High gloss, good leveling, low light power coatings can be prepared
YZ9859	95/5	28~32	3.0~5.0	≥60	200° C×12'	好的流平性能, 可制备低光粉末涂料 Good leveling, low gloss power coatings can be prepared
YZ9883	96/4	25~29	4.0~6.5	60~64	180° C×12'	一般工业级, 流平佳 General industry, good leveling
YZ9869	90/10	70~76	2.0~6.0	63~64	180° C×10-12'	好的机械性能, 较佳的储存稳定性和较快的固化速度, 涂层有较好的抗水煮性能 Good mechanical properties, good storage stability and fast curing speed, and good boiling resistance
YZ9829	96.5/3.5	17~23	3.0~7.0	56~57	180° C×10-12'	好的机械性能, 较慢的固化速度 Good mechanical properties and slow curing speed

双组份TGIC型聚酯树脂

Two component TGIC polyester resin

树脂型号 Type	比例 Ratio	酸值 Acid Value (mgKOH/g)	粘度 Viscosity(pa·s/200°C)	玻璃化温度 Glass Transition Temp (Tg°C)	固化条件 Curing Time (°C/min)	特性说明 Properties
YZ9818	95.5/4.5	18~25	5.0~8.0	60~63	200° C×12'	与YZ9833或YZ9868组合,可制备双组分低光泽粉末 Combined with YZ9833 or YZ9868, two-component low-gloss powder can be prepared
YZ9828	95.5/4.5	19~26	5.0~8.0	60~63	200° C×12'	与YZ9878组合,可制备双组份转印和低光泽粉末 Combined with 9878, two-component transfer and low-gloss powders can be prepared
YZ9868	90/10	50~60	3.0~8.0	64~68	200° C×12'	与YZ9828组合,可制备双组份转印和低光泽粉末 Combined with 9828, two-component transfer and low-gloss powders can be prepared
YZ9878	90/10	48~58	5.0~9.0	66~68	200° C×12'	抗水煮,木纹转印,可制备双组份低光泽粉末 Resistant to water boiling, wood grain transfer, and can prepare two-component low-gloss powder
YZ9895	90/10	19~25	3.0~7.0	>60	200° C×12'	与YZ9899组合,可制备双组分超耐候粉末 Combined with YZ9899, two-component super weatherability powder can be prepared
YZ9899	90/10	49~55	2.0~4.0	≥64	200° C×12'	抗水煮,与YZ9895组合,可制备双组分超耐候粉末 Resistant to water boiling,combined with YZ9895,can prepare two-component super weatherability powder
YZ9833	90/10	48~55	3.0~6.0	63~65	200° C×12'	经济型,与YZ9813或YZ9818组合,可制备双组份低光泽粉末 Economical type, combined with YZ9813 or YZ9818, can prepare two-component low-gloss powder
YZ9838	90/10	49~55	4.0~8.0	≥67	200° C×12'	耐候好,机械性能好,抗水煮,可制备双组份转印和低光泽粉末 Good weatherability, good mechanical properties, resistance to water boiling, can prepare two-component transfer and low-gloss powders

## 异氰酸酯固化聚酯树脂

## Isocyanate cured polyester resin

树脂型号 Type	比例 Ratio	羟基值 Hydroxyl Value (mgKOH/g)	粘度 Viscosity(pa·s/200°C)	玻璃化温度 Glass Transition Temp (Tg°C)	固化条件 Curing Time (°C/min)	特性说明 Properties
YZ9858	/	27~33	4.0~7.0	62~65	200° C×15'	与B1530以87/13比例固化, 机械性能好, 较经济 Cured in 87/13 ratio with B1530, good mechanical properties, economical type
YZ9888	/	35~50	4.0~7.0	61~64	200° C×15'	与B1530以80/20比例固化, 流平好, 机械性能好 Cured in 80/20 ratio with B1530, good leveling and good mechanical properties
YZ9889	/	90~120	4.0~8.0	≥55	200° C×15'	与B1530以65/35比例固化, 抗水煮, 转印 Cured in 65/35 ratio with B1530, resistant to water boiling and transfer printing
YZ9884	/	25~35	4.0~7.0	62~65	200° C×15'	与B1530以87/13比例固化, 机械性能好, 较经济 Cured in 87/13 ratio with B1530, good mechanical properties, economical type
YZ9883	/	35~50	4.0~7.0	61~64	200° C×15'	与B1530以80/20比例固化, 流平好, 机械性能好 Cured in 80/20 ratio with B1530, good leveling and good mechanical properties
YZ9882	/	90~120	4.0~8.0	≥55	200° C×15'	与B1530以65/35比例固化, 抗水煮, 转印 Cured in 65/35 ratio with B1530, resistant to water boiling and transfer printing
YZ9881	/	25~35	4.0~7.0	62~65	200° C×15'	与B1530以87/13比例固化, 机械性能好, 较经济 Cured in 87/13 ratio with B1530, good mechanical properties, economical type