

ACRYLONITRILE–BUTADIENE–STYRENE (ABS) 0215A



Product trademark:

Manufacturer: PETROCHINA JIHUA(JIEYANG) PETROCHEMICAL COMPANY

Overview: ABS resin produced by the emulsion grafting - bulk SAN blending method.

Technical Specifications: Q/SY 03063-2019

Technical Specifications:

No.	Analysis Items	Typical Value	Test Methods
1	MFR (220°C, 10kg) g/10min	21	GB/T 3682.1
2	Notched Charpy Impact Strength (kJ/m ²)	21	GB/T 9341
3	Vicat softening point (5kgf) °C	96	GB/T 1633
4	Tensile strength at yield, MPa	50	GB/T 1040.2
5	Flexural Strength, MPa	77	GB/T 9341
6	Flexural modulus ,MPa	2340	GB/T 9341
7	Rockwell hardness, R scale	108	GB/T 3398.2
8	Whiteness	64	GB/T 2913

Note: The above values are typical and should not be construed as performance guarantees.

Product Features and Applications: General grade, with balanced impact resistance, rigidity, heat resistance, glossiness, wear resistance, chemical resistance, processability and colorability. It can be used for producing electronic appliances, home appliances, toys, bathroom products, stationery, medical instruments, motorcycle accessories, office supplies, etc.

Recommended Processing Conditions:

Melting temperature range	Injection pressure	Injection speed
210~280°C	500~1000 bar	Medium-low speed

Note: Drying treatment is required before processing. It is recommended to dry at 80°C~90°C for 2 hours. The above processing conditions are for reference only, and users should adjust them according to product requirements, production equipment conditions, and process formulations.

Packaging and Transportation:

1. The product is packaged using heavy-duty film or other packaging forms approved by the user, with a net weight of 25 kg per bag or other packaging units as specified.
2. The packaging must remain intact and protected from moisture, direct sunlight, and contamination.

Safe Storage Precautions: Store the product in a well-ventilated, dry, clean warehouse equipped with appropriate fire safety facilities. Outdoor storage is strictly prohibited.

Additional Information: For compliance-related details (e.g., FDA, RoHS), please contact your local sales representative for further information.

ABS 树脂 0215H

Acrylonitrile-butadiene-styrene (ABS) resin



生产企业：中国石油吉林石化公司

概述：采用乳液接枝-本体 SAN 掺混法生产的 ABS 树脂。

执行标准：Q/SY 03063-2019

技术指标：

序号	分析项目	典型值	试验方法
1	熔体质量流动速率(220℃, 10kg) g/10min	21	GB/T 3682.1
2	简支梁缺口冲击强度 (kJ/m ²)	23	GB/T 1043.1
3	维卡软化温度(5kgf) °C	94	GB/T 1633
4	拉伸强度 MPa	43	GB/T 1040.2
5	弯曲强度 MPa	71	GB/T 9341
6	弯曲弹性模量 MPa	2390	GB/T 9341
7	洛氏硬度 R 标尺	107	GB/T 3398.2
8	白度	65	GB/T 2913

注：上述数值为典型值，不可视为性能保证。

产品特点及用途：通用级，具有优异的冲击性能、刚性、耐热性、光泽性、耐磨性、耐化学性、优异的加工性和着色性，白度高等特点，适用于生产白色家电、文具、医疗器具、摩托车配件、日用品、酒瓶盖等。

推荐加工应用条件：推荐加工条件如下。

熔化温度范围 (°C)	注射压力 (bar)	注射速度
210~260	20~300	中低速度

注：在加工之前需要进行干燥处理，建议干燥条件为 80℃~90℃下干燥 2 小时，上述加工条件仅供参考，用户应根据制品要求、生产设备及工艺配方进行调整。

包装、运输：

- 产品使用复合塑料编织袋、重载膜或者用户认可其它形式包装，每袋净重 25kg 或其它包装单元。
- 应保持包装完好无损，勿过水、勿暴晒。

安全贮存注意事项：应贮存在通风、干燥、清洁并保持有良好消防设施的仓库内，严禁露天堆放。

其他信息：有关合规信息（如 PAHS、RoHS 等），请与当地销售代表联系获取详细资料。

ACRYLONITRILE–BUTADIENE–STYRENE (ABS) 0215H



Product trademark:

Manufacturer: PETROCHINA JIHUA PETROCHEMICAL COMPANY

Overview: ABS resin produced by the emulsion grafting - bulk SAN blending method.

Technical Specifications: Q/SY 03063-2019

Technical Specifications:

No.	Analysis Items	Typical Value	Test Methods
1	MFR (220°C, 10kg) g/10min	21	GB/T 3682.1
2	Notched Charpy Impact Strength (kJ/m ²)	23	GB/T 1043.1
3	Vicat softening point (5kgf) °C	94	GB/T 1633
4	Tensile strength at yield, MPa	43	GB/T 1040.2
5	Flexural Strength, MPa	71	GB/T 9341
6	Flexural modulus ,MPa	2390	GB/T 9341
7	Rockwell hardness, R scale	107	GB/T 3398.2
8	Whiteness	65	GB/T 2913

Note: The above values are typical and should not be construed as performance guarantees.

Product Features and Applications: General grade, with excellent impact resistance, rigidity, heat resistance, glossiness, wear resistance, chemical resistance, excellent processability and colorability, and high whiteness, etc. It is suitable for producing white household appliances, stationery, medical instruments, motorcycle accessories, daily necessities, wine bottle caps, etc.

Recommended Processing Conditions:

Melting temperature range	Injection pressure	Injection speed
210~260°C	20~300 bar	Medium to low speed

Note: Drying treatment is required before processing. It is recommended to dry at 80°C~90°C for 2 hours. The above processing conditions are for reference only, and users should adjust them according to product requirements, production equipment conditions, and process formulations.

Packaging and Transportation:

1. The product is packaged using heavy-duty film, PP woven bags or other packaging forms approved by the user, with a net weight of 25 kg per bag or other packaging units as specified.
2. The packaging must remain intact and protected from moisture, direct sunlight, and contamination.

Safe Storage Precautions: Store the product in a well-ventilated, dry, clean warehouse equipped with appropriate fire safety facilities. Outdoor storage is strictly prohibited.

Additional Information: For compliance-related details (e.g., FDA, RoHS), please contact your local sales representative for further information.

ACRYLONITRILE–BUTADIENE–STYRENE (ABS) GE-150



Product trademark:

Manufacturer: PETROCHINA JIHUA PETROCHEMICAL COMPANY

Overview: ABS resin produced by the emulsion grafting - bulk SAN blending method.

Technical Specifications: Q/SY 03063-2019

Technical Specifications:

No.	Analysis Items	Typical Value	Test Methods
1	MFR (220°C, 10kg) g/10min	20	GB/T 3682.1
2	Notched Charpy Impact Strength (kJ/m ²)	20	GB/T 1043.1
3	Vicat softening point (5kgf) °C	95	GB/T 1633
4	Tensile strength at yield, MPa	44	GB/T 1040.2
5	Flexural Strength, MPa	72	GB/T 9341
6	Flexural modulus ,MPa	2450	GB/T 9341
7	Rockwell hardness, R scale	108	GB/T 3398.2
8	Whiteness	58	GB/T 2913

Note: The above values are typical and should not be construed as performance guarantees.

Product Features and Applications: General-purpose grade is characterized by balanced impact resistance, rigidity, heat resistance, glossiness, wear resistance, chemical resistance, processability, and colorability. It is suitable for producing small household appliances, toys, daily necessities, and products in the light industry sector.

Recommended Processing Conditions:

Melting temperature range	Injection pressure	Injection speed
210~260°C	20~300 bar	Medium to low speed

Note: Drying treatment is required before processing. It is recommended to dry at 80°C~90°C for 2 hours. The above processing conditions are for reference only, and users should adjust them according to product requirements, production equipment conditions, and process formulations.

Packaging and Transportation:

- The product is packaged using heavy-duty film, PP woven bags or other packaging forms approved by the user, with a net weight of 25 kg per bag or other packaging units as specified.
- The packaging must remain intact and protected from moisture, direct sunlight, and contamination.

Safe Storage Precautions: Store the product in a well-ventilated, dry, clean warehouse equipped with appropriate fire safety facilities. Outdoor storage is strictly prohibited.

Additional Information: For compliance-related details (e.g., FDA, RoHS), please contact your local sales representative for further information.