

Technical Data Sheet

Product Description

ABS A-2020 is a Acrylonitrile Butadiene Styrene copolymer, the coagulation process is magnesium sulfate (wet method) which makes the product with better whiteness. ABS A-2020 is recommended for: automobile parts, building materials, toys, furniture.

Features

Good whiteness Good impact resistance Low VOC

Typical Properties

No.	Resin Properties	Test Method	Unit	Typical value
1	MFR(10kg,220°C)	ASTM D1238	g/10min	20
2	Notched Izod Impact Strength1/4	ASTM D256	Kg-cm/cm	22
3	Rockwell Hardness	ASTM D785	/	104
4	Tensile Strength	ASTM D638	MPa	42
5	Flexural Strength	ASTM D790	MPa	60
6	Flexural modulus	ASTM D790	MPa	2000
7	Vicat Softening Temperature	ASTM D1525	°C	90
8	Whiteness	ASTM E313	%	40

Note: The values listed above are typical values for reference purpose only and shall not be construed as specifications

Product package

The net weight of each bag is 25kg.

Product transportation

ABS resin is a non-hazardous goods. Throwing and using sharp tools like hook is strictly forbidden during transportation. Vehicles should be kept clean and dry. It must not be mixed with sand, crushed metal, coal and glass, or toxic, corrosive or flammable materials in transportation. It is strictly forbidden to be exposed to the sun or rain.

Product storage

This product should be stored in a well ventilated, dry, clean warehouse with effective fire protection facilities. It should be kept far away from heat sources and direct sunlight. The storage is strictly prohibited in open air. A rule of storage should be followed. The storage period is not more than 12 months since the date of production.