Technical Date Sheet of Phenolic Resin for Refractory Thermal Insulating Material

Product name: Phenolic Resin
CAS NO.: 9003-35-4

Technical Data of Phenolic Resin for Refractory Thermal Insulating Material

Items	Specifications			
Model	Y6550	Y6552	Y6553	Y6556
Appearance	Light yellow liquid	Light yellow liquid	Light yellow liquid	Brown red liquid
Solid content (%/135℃/1h)	40~42	39~41	42~44	36~38
Free phenol (%)	≤1.0	≤1.5	≤1.5	≤1.0
Free aldehyde (%)	≤0.5	≤0.5	9.5~11.5	≤0.8
Water tolerance	≥2000	≥500	≥500	≥2000
PH	8.9~9.0	8.9~9.0	8.9~9.0	8.9~9.0

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Application:

It can be used in the production of phenolic foam boards, real gold boards, rock wool, and glass wool. Phenolic resin for thermal insulation is a polymeric synthetic material with high corrosion, chemical, aging, and heat resistance, making it widely used in the production of thermal insulation materials.

1. Phenolic resin for thermal insulation effectively retards flames and reduces fire hazards. It is resistant to high temperatures, has excellent extreme impact resistance, is shockproof, and can prevent the spread of flames and slow the development of fires.
2. Insulation products made with phenolic resin are environmentally friendly, have excellent impact resistance, and effectively absorb external heat to maintain a stable indoor temperature and humidity.
3. Phenolic resin insulation materials are also flame-retardant and water-resistant, effectively protecting the

environment, reducing indoor air pollution, and benefiting human health.

Packing:

This series of products is packaged in 1 ton drums.

Storage:

Store in a cool, dry, and well-ventilated place. Be careful not to break the drum; if damaged, use immediately. Store below 15°C for 3 months.

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