Technical Data Sheet

Durite™ Resin SD-1731

Description

High purity phenolic novolac

Application

SD-1731 is used in epoxy curing and PCB assembly applications

Typical Properties

Property	Value	Unit
Appearance	Light yellow to amber flakes	
Calcium Content AA	max 10 ppm	
Conductivity	max 10 msi	
Viscosity at 150°C, cone plate visco	240 - 440	cps
Free Phenol Content GC	max 1000 ppm	
Insoluble Content	max 0.05%	
Iron Content AA	max 10 ppm	
Karl Fischer water content	max 0.50 %	
Potassium Content AA	max 5 ppm	
Sodium Content AA	max 5 ppm	
Softening Point	85 - 95°C	

Tests are made in accordance with the current Hexion Standard Test Method and are available upon request. The typical properties provided are examples of product attributes and may not be tested.

Storage

SD-1731 should be stored at 25°C in closed containers in a dry location. Over time the material may darken, could pick up moisture and potentially sinter.

Handling

This product has to be used and disposed of according to the indications given in its safety data sheet. Hexion Inc. solid products, including but not limited to powders and flake resin products, can be combustible and present a fire or explosion hazard under certain conditions (including, but not limited to when dusts are finely divided and suspended in air and/or allowed to accumulate on surfaces). Fine dust clouds may form explosive mixtures. The buyer must comply with all laws, regulations and standards applicable to the possession, handling and use of solid products by the buyer. Please consult US NFPA Standard 652 & 654, UK HSE Guidance HSG 103, or other national guidance on safe handling of combustible dusts.

Packaging

Durite Resin SD-1731

https://hexionintemet-hexionintemet-slave.azurewebsites.net/en-US/product/durite-resin-sd-1731-

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25kg bags

Note

As part of our quality assurance efforts, we ensure compliance with the indicated product parameters at the time of shipping. Phenolic resins are known to be subject to a process of change that depends on the storage and transportation conditions. Even when the material is stored at the conditions indicated above, the useful life must be individually verified by the user of our products.

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