

Technical Data Sheet

Durite™ Resin D_PD-1642

Description

High purity cresol formaldehyde resin

Application

D_PD-1642 is used in semiconductor photoresist applications

Typical Properties

	Target Value		
	D_PD-1642LD	D_PD-1642	D_PD-1642 Fast
Appearance	Crushed solid		
Bulk dissolution rate, 2.38% TMAH developer, PAB 110°C/60 seconds	ca. 80 - 180Å/sec	ca. 180 - 380Å/sec	ca. 380 - 580Å/sec
Free cresol content, GC	max 1.0%		
Individual trace metal content, GFAA	max 500 ppb		

Tests are made in accordance with the current Hexion Standard Test Method and are available upon request.

Durite Resin D_PD-1642 Storage

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

125kg drum

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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https://www.hexion.com/en-US/product/durite-resin-d_pd-1642-

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