

Technical Data Sheet

Durite™ Resin FD-2170

Description

FD-2170 is a powdered, heat resistant, phenolic resin of the novolac type.

Application

FD-2170 was specifically developed as a general-purpose bond for friction elements. FD-2170 has excellent hot molding latitude and is utilized in both asbestos and non-asbestos compositions.

Typical Properties

Property	Value	Unit	Test Method
Free Phenol Calculated	1.8 - 2.8	%	
Glass Plate Flow	29 - 43	mm	IR-009
Hexa Content	7.5 - 8.5	%	IR-280
Hot Plate Cure 150°C	70 - 90	sec	IR-008
Particle Size	97 - 99	% thru 200 Mesh	IR-010

Storage

FD-2170 is a stable material with little tendency to sinter when stored in closed containers in a cool (70° F), dry location.

Tests are made in accordance with the current Hexion Standard Test Method as identified.

NOTE: Organic powders can be combustible under certain conditions, consult NFPA 652 and NFPA 654 when handling this product or any other organic powder.

Packaging

FD-2170 is available in moisture resistant 50-pound bags (2,000 pounds per pallet), 20 kg bags (2,204 kgs per pallet) and 1,000 kg bulk bags.

Durite™ Resin FD-2170

<https://www.hexion.com/en-US/product/durite-resin-fd-2170>

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