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## DATA SHEET EXTRA HARD PITCH

Extra Hard Pitch is a thermoplastic, acidic resin. It has a high softening point and amber color, and is a product of the naval stores industry obtained during the separation and refining of resins and terpenes extracted from pinewood. Extra Hard Pitch is composed of rosin-type resin acids, oxidized and modified forms of these resins, and neutral and colored constituents associated with dark rosin. Extra Hard Pitch is suggested as a close replacement for gum rosin type products.

TEST	TEST METHOD	SPECIFICATION
Acid Number	QCL-8.2.4-2-4	140 - 180
Softening Point, B&R °C	QCL-8.2.4-2-11	70 - 90

### TYPICAL PROPERTIES

Softening Point, B&R °C	74
Acid Number	164
Color, Rosin Standard	D
Color, ASTM D1500	4.0

### Typical Uses:

Extra Hard Pitch contains acid functionality and can be reacted materials such as alkali and lime. It also reacts with metals maleic anhydride and polyhydric alcohols. Resultant products are soaps, resinates, and ester-type low molecular weight resins.

The information in this data sheet is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of these data or the use of this product, nor are any statements in this bulletin intended as recommendations to use our products in the infringement of any patents.

### OTHER NATROCHEM PRODUCTS

**DLC® - Galex® - Rosin Oils - Rosin Pitches - Tarene™  
Natro-Flex™ - Tar-Cel® - Natro-Cel®**

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