

## Petadd PR-1810

### High Viscosity Crude Resin

#### Description

Petadd PR-1810 is a crude resin derived from refinery processes, it is higher in carbon and lower in sulfur & oxygen than other resins derived from naphthenic and asphaltic crudes. Petadd PR-1810 is a high viscosity, high boiling point heavy hydrocarbon.

#### Application

- Can be used in grease formulations to increase viscosity
- Provides viscosity modification for applications such as metalworking, wire rope lubricants, and open gear compounds
- Widely used in asphalt modification, for both roofing and paving
- Can be used to control the quench rate of quenching oils
- Adds gloss to coatings, and hardness when baked
- Also compatible in spirit varnishes, phenolics, alkyds and ester gum varnishes.

#### Advantages

- An economical means of building viscosity
- Will make mineral oils less sensitive to temperature changes
- Its high boiling point makes PR-1810 an ideal component in quenching operations.

#### Typical Properties

Property	Typical	Method
Viscosity @98.9°C (cSt)	612	ASTM D445
Pour Point (°C)	21.1	ASTM D5949
Flash Point (COC, °C)	655	ASTM D92
Density (g/cm <sup>3</sup> )	0.95	ASTM D1250

#### Storage and Handling

Store in a cool dry place, consult the SDS for further information.

*The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.*