

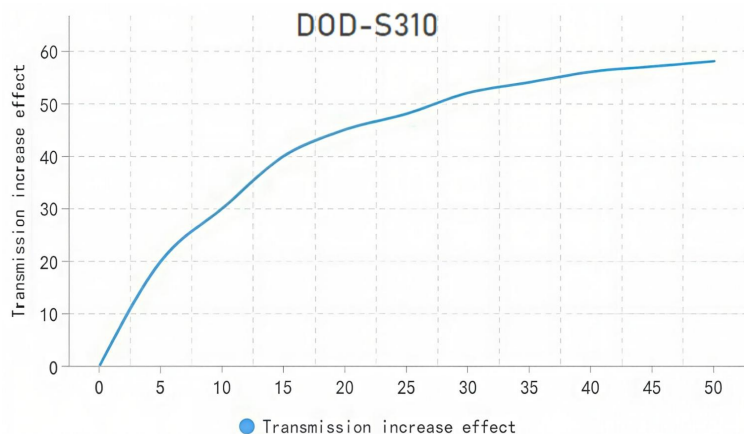
DOD-S310

Solid Drag Reducing Agent

Technical Data & Performance Curve

Test items	Executive standard	Technical parameters of products
Form	Visual measurement	Powder
Colour	Visual measurement	White
Smell	-----	A slight hydrocarbon odor.
Solubility	-----	Insoluble in water, soluble in hydrocarbon solvents and oils
Sampling	Gb/t 6679	Sampling at 7 different locations was 2 g and 14 g, respectively.
Density	Gb/t 4472	0.82-0.98g/cm ³
Flash point (closed) °C	Atsm d7094	> 150
Ph value	Ph test paper	6-8
Polymer content (%)	-----	60-90
Rate of increase	Sy/t 6578	>25

**Note: The above data only represent the parameters of DOD-S310 drag reducer. The technical parameters of different types of drag reducer will be slightly different.*



This performance curve demonstrates the range in which DOD-S310 can operate, actual effect depends on pipeline and fluid conditions.

Product Description

The main components of the product are poly-alpha olefin polymer powder and suitable wrapping materials. Easy to store and use.

Solid drag reducers require secondary processing by agents/users. Products are made of polymers produced by special processes with good uniformity and are not easy to decompose. The increase rate of drag reducing agent tested by the manufacturer only represents the data of the drag reducing agent on the manufacturer's

experimental pipeline.

The actual value should be based on the local test data.

Application Method

Solutions with a density of 0.87 +0.005 g/cubic centimeter (all of the solutions mentioned below are final solutions compounded with polymer powders) should be selected for compounding. It is required that the selected solution can not dissolve polymer powders, and the solution can form a suspension with polymer powders. The maximum amount of polymer powder added to the finished product of drag reducing agent per cubic meter is not more than 360 kg. The finished product should be used as soon as possible after compounding.

Packing

The solid drag reducer is packed in 16kg/carton, which conforms to the transport specifications.

Storage And Handling

Please keep this product away from light and avoid moisture. Once unpacked, please use immediately. Solid powder is not suitable for long-term storage to prevent clumping caused by moisture. If the DRA need to be stored for a long time, please blend it into a liquid drag reducer first and store the liquid drag reducer.

Storage conditions of products require as much shade as possible, the best storage conditions: temperature from -20°C to 20°C, storage environment to avoid light. Limit storage temperature is -40°C~50°C. The closer the limit storage temperature is, or the higher the limit storage temperature is, the more likely it will destroy the physical form of drag reducer and lead to difficulty in using it.