North America Proppants Market - Segmented By Material Type and Geography - Growth, Trends and Forecasts (2015-2020)

Description:

The North American proppants market is expected to register a CAGR of 14% during the forecast period. The market, estimated at 37 million metric tons in 2013, will reach over 81 million metric tons by 2019. The country holds 79% of the global market share and is the largest consumer of proppants. The market in this region is driven by high crude prices and further improvements in fracturing technology. Significant reserves and established companies exist both in Canada and Mexico.

Proppants are sand or other granular substances injected into the fractures to hold or open formation fractures created by hydraulic fracturing. Although proppants have been used in oil and gas production for 70 years, the recent emergence of horizontal drilling technology with multistage hydraulic fracturing in shale gas extraction has created new opportunities for growth in the mid-2000s. It shows a good performance in most conditions except in wells with high closure pressures.

Proppants have provided further momentum to drilling and completion activity as a result of the spike in crude oil prices and success of early ventures in horizontal drilling. The region is expected to witness a further growth in the future, mainly due to the high growth potential of the U.S market.

Proppants can be categorized into three- Frac Sand, Resin Coated and Ceramic. Frac sand is the most inexpensive and accounts for 80% share of the demand. This demand will continue to account for the largest chunk of the market due to cost advantages. Its market is expected to grow at a CAGR of 14% during the forecast period.

Improved fracturing techniques have allowed sand to be used in applications previously thought to be beyond its performance range. It performs suitably in most conditions except in wells with high closure pressures. Due to their higher cost, ceramic proppants will be limited to areas requiring high performance products. Their market will grow at a CAGR of 15% mainly because of their reliability in extreme conditions.

Resin coated proppants are also expected to grow at a CAGR of 12% due to the relative cost advantages over ceramic proppants and performance advantage over frac sand. The market can be segmented based on geography into U.K, France, Germany, Italy and other countries. Some of the key players in this market are Superior Silica Sands, U.S. Silica Holdings, Texas Silica and Badger mining.

Drivers:

New drilling techniques that employ proppants and improvements in the fracturing industry are the major Drivers of this market.

Restraints:

Cost factor in case of ceramic proppants and various environmental norms on the use of the proppants are the major impediments to the growth of the market.

What The Report Offers?

1) Market Definition along with identification of key Drivers and Restraints for the market.

2) Market analysis for the North America Proppants market with region specific assessments and competition analysis on a global and regional scale.

3) Identification of factors instrumental in changing the market scenarios, rising prospective opportunities and identification of key companies which can influence the market on a global and regional scale.

4) Extensively researched competitive landscape section with profiles of major companies along with their strategic initiatives and market shares.
5) Identification and analysis of the Macro and Micro factors that affect the North America Proppants market on both global and regional scale.

6) A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information.

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