Global Proppants Market - Segmented By Material Type and Geography - Growth, Trends and Forecasts (2015-2019)

Description: The global proppants market was estimated at 47 million metric tons and worth about $ 8.4 billion in 2013. The market, driven by high crude oil prices and further improvements in fracturing technology, is expected to register a CAGR of 11%, to reach 87.1 million metric tons in 2019.

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.

Worldwide demand for proppants has increased more than tenfold since the advent of shale gas. 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. North America is a largest consumer of proppants and accounts for about 80% of the market share in 2013. The region is further expected to witness a high growth in the future, mainly due to the high growth potential of the U.S market.

China and Russia have the largest reserves in Asia-Pacific and Europe respectively. Amount of untapped shale gas reserves in Northern Africa and South America are also high. As a result of available reserves and the rise in number of new hydraulic fracturing sites, the market is expected to contribute towards a healthy growth in the near future.

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.

The global 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.

The market can be segmented based on geography into North America, South America, Asia-Pacific, Europe and the rest of the world. Some of the key players in this market are Superior Silica Sands, U.S. Silica Holdings, Texas Silica and Badger mining.

Ceramic proppants will be limited to areas requiring high performance products because of its high cost. 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.

Drivers:

Improvements in the fracturing industry is a major driver in this market. Emergence of new drilling techniques that employ proppants also contributes to market growth.

Restraints:

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

WHAT THE REPORT OFFERS?

1) Market Definition along with identification of key drivers and restraints for the market.

2) Market analysis for the Global 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 Global 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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