Asphalt additives are substances added to asphalt to modify characteristic properties of asphalt binder. Primary reason for adding additives to asphalt is to increase the functional temperature range of asphalt. Viscosity of asphalt decreases at high temperature and increases drastically at low temperature. This hinders the usage of asphalt in roads, pavements, airfields, and parking lots made of asphalt. Usage of additives helps overcome this shortcoming. Additives are also used to enhance the binding property of asphalt by strengthening the asphalt aggregate bond. Furthermore, additives improve the film thickness of asphalt, thus preventing cracking, raveling, and deformation. This, in turn, reduces maintenance cost of asphalt-constructed structures. There are different types of asphalt additives. However, varieties that are primarily used include asphalt rubber, polymers, and chemical modifiers. Fibers and fillers are also used as additives in asphalt.

This report provides detailed analysis and forecast of the asphalt additives market on a global and regional level from 2015 to 2023. On the global level, the market has been segmented based on volume (kilo tons) and revenue (US$ Mn) from 2015 to 2023. Demand for asphalt additives has been forecast in terms of volume (kilo tons) and revenue (US$ Mn) from 2015 to 2023 to provide in-depth understanding of the market at the regional level. The report includes drivers and restraints coupled with their impact on the market growth during the forecast period. Furthermore, the study encompasses various opportunities for growth of the market at the global and regional level.

The report thoroughly analyzes the value chain to provide detailed understanding of the market. Additionally, it covers Porter's Five Forces Model, which offers an insight into the intensity of competition in the market. The study also comprises market attractiveness analysis, wherein various technologies are benchmarked based on their market size, growth rate, and general attractiveness.

We conducted in-depth interviews and discussions with numerous key industry participants and opinion leaders for the research report. Primary research represents the bulk of our research efforts coupled with extensive secondary research. We reviewed key players' annual reports, product portfolio, press releases, and relevant documents for competitive analysis and better understanding of the market. Secondary research includes in-depth research on current trends, technical writing, recent trade, Internet sources, trade associations, and statistical data from government websites as well as associated and authorized agency websites. This proved to be the most successful, effective, and reliable approach for obtaining concise data, capturing industry participants' insights, and recognizing opportunities and growth.

Inflation is not a part of pricing in this report. This report provides the size of the asphalt additives market for 2014 and forecast for the next eight years. The global market size of asphalt additives is presented in terms of volume and revenue. Market volume and revenue have been estimated and forecast in kilo tons and US$ Mn, respectively. Various key technologies and applications are taken into consideration to estimate market numbers.

Market size and forecast for each segment are provided in the context of global and regional markets. The market has been segmented based on various applications. Each segment has been analyzed and forecast based on volume (kilo tons) and revenue (US$ Mn) from 2015 to 2023. Additionally, segments have been analyzed and forecast based on current trends at the global and regional level. Geographically, the market has been segmented into North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa (MEA). Demand has been analyzed and forecast based on current trends for the next eight years.

The report includes profiles of leading companies such as ArrMaz, Arkema Group, Kao Corporation, Honeywell International Inc., E. I. du Pont de Nemours and Company, The Dow Chemical Company, Berkshire Engineering Supplies, Huntsman Corporation, and Engineered Additives.

The report segments the global asphalt additives market as follows:
Asphalt Additives Market - Technology Analysis
Hot/warm mix
Cold mix
Asphalt Additives Market - Application Analysis
Road construction & paving
Roofing
Others (Including airfields, parking lots, drinking water enclosures, waste disposal sites, and bridge decks)
Asphalt Additives Market: Regional Analysis
North America
U.S.
Rest of North America
Europe
Germany
Turkey
U.K.
France
Italy
Rest of Europe
Asia Pacific
China
India
ASEAN
Rest of Asia Pacific
Latin America
Brazil
Rest of Latin America
Middle East & Africa (MEA)
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