



Azodicarbonamide (ADC)

Saturday, January 11, 2025

Chemical blowing agents- Azodicarbonamide (ADC)









A. Plastics additives market is to grow at 2.6% p.a., with flame retardants representing ~33% of the market by 2030



Key Insights

Global demand growth for plastics additives is mainly driven by major Asian countries with India, Mainland China, and Southeast Asia having 4.5%, 3.5%, and 3.7% CAGRs respectively

Mainland China is by far the biggest consumer of plastics additives; representing ~37% of the global demand, which is a result of China's high resins production and fabrication

Flame retardants is the largest sub-segment in plastic additives, due to their typical high concentration and application in high demand sectors such as construction and automotives

1. Assumed at current market price

2. Based on region and segment CAGR 2020-2025 assumption, extrapolated to 2030

B. KSA's plastic additives market is estimated at USD ~360 Mn with ~8% p.a. growth, driven mainly by the expected increase of polymers production

KSA consumption of chemical plastic additives, USD Mn¹



X% Volume CAGR, 2022-2030 📕 2022 📕 2030

KSA consumption of chemical plastic additives, KTA

	2022	2030	-
Total	69	126	
Light stabilizers	2	3	7.9%
Antistatic agents	2	3	8.1%
Chemical blowing agents	2	3	5.9%
Heat stabilizers	7	13	8.1%
Lubricants and slip additives	8	14	7.5%
Flame retardants	10	17	7.1%
Impact modifiers	13	24	8.3%
Antioxidants	26	48	7.9%

Key insights

- Antioxidant is the highest consumed type of plastic additives in KSA, due to KSA's high production of polyolefins; Impact modifiers and Flame retardants follow with construction sector as the major consumer
- Antioxidants, antistatic agents, and lubricants are expected to experience the highest growth, driven by the expected additional production capacity of resins²
- Other additives growth is expected to follow plastic consumption, which is driven by the National Industrial Strategy (NIS)

1. Assumed at current market price

2. These additive types are added during the production of resins for most of polymers

