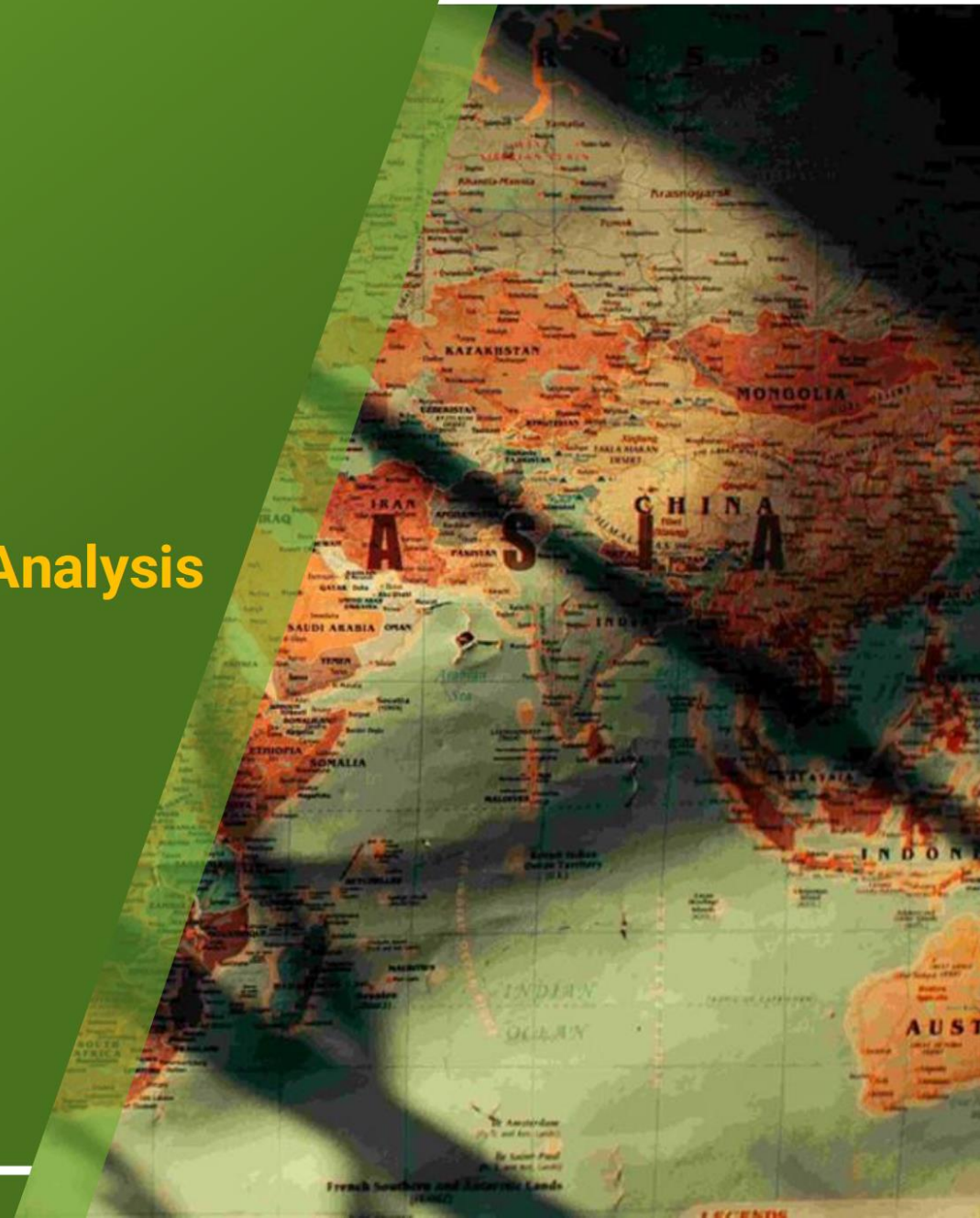


Asia Pacific Alumina Fibers Market

Chapter 13 Asia Pacific Alumina Fibers Market Analysis and Forecast



Market Size By Country

Asia Pacific Alumina Fibers Market Value, By Country, in USD Mn, 2016-2031

By Country	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	CAGR 2023-31
China	263.90	275.00	288.04	299.82	288.64	297.29	308.44	320.93	336.84	354.59	374.47	396.96	422.12	450.45	482.50	518.79	6.2%
Japan	65.61	67.78	70.38	72.62	69.31	70.77	72.78	75.07	78.11	81.52	85.34	89.68	94.53	100.00	106.18	113.17	5.3%
South Korea	47.49	49.22	51.26	53.06	50.80	52.04	53.70	55.56	58.00	60.72	63.78	67.25	71.12	75.49	80.43	86.01	5.6%
India	55.81	58.02	60.63	62.95	60.46	62.12	64.30	66.75	69.89	73.40	77.34	81.79	86.78	92.39	98.74	105.93	5.9%
Australia	13.22	13.38	13.60	13.73	12.82	12.78	12.84	12.92	13.10	13.31	13.56	13.84	14.17	14.53	14.94	15.39	2.2%
South East Asia (SEA)	28.89	29.71	30.70	31.53	29.95	30.43	31.15	31.97	33.09	34.36	35.78	37.40	39.22	41.26	43.57	46.17	4.7%
Rest of Asia Pacific (APAC)	14.69	14.97	15.33	15.60	14.68	14.77	14.96	15.19	15.56	15.97	16.45	16.99	17.59	18.28	19.05	19.92	3.4%
Total	489.60	508.08	529.94	549.32	526.65	540.20	558.17	578.38	604.60	633.87	666.70	703.91	745.54	792.40	845.41	905.39	5.8%

Market Size By Country

Asia Pacific Alumina Fibers Market Volume, in Thousand Tons, 2016-2031

By Country	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	CAGR 2023-31
China	217.53	222.71	228.94	234.63	226.90	230.37	234.93	240.24	247.54	255.14	263.63	273.27	283.47	294.59	307.02	320.90	3.7%
Japan	53.36	54.21	55.29	56.22	53.95	54.35	54.99	55.79	57.04	58.33	59.80	61.51	63.30	65.27	67.49	69.99	2.9%
South Korea	38.66	39.35	40.21	40.96	39.38	39.74	40.29	40.96	41.96	42.99	44.16	45.50	46.93	48.48	50.23	52.20	3.1%
India	62.45	63.76	65.36	66.79	64.41	65.21	66.31	67.62	69.49	71.42	73.60	76.08	78.71	81.57	84.79	88.38	3.4%
Australia	7.51	7.52	7.56	7.58	7.17	7.11	7.09	7.08	7.12	7.16	7.22	7.30	7.38	7.47	7.58	7.71	1.1%
South East Asia (SEA)	26.77	27.13	27.60	28.00	26.81	26.94	27.19	27.52	28.06	28.63	29.27	30.03	30.83	31.70	32.69	33.81	2.6%
Rest of Asia Pacific (APAC)	18.58	18.67	18.83	18.93	17.96	17.88	17.88	17.92	18.09	18.26	18.48	18.75	19.04	19.36	19.73	20.17	1.5%
Total	424.86	433.34	443.81	453.13	436.56	441.60	448.68	457.13	469.30	481.94	496.16	512.44	529.65	548.44	569.54	593.16	3.3%

China is projected to account for the largest share of the market from increasing Automotive and Steel demand. Furthermore, India is anticipated to expand at a lucrative CAGR of 3.4% between 2023 and 2031.

Market Size By Application

Asia Pacific Alumina Fibers Market Value, By Application, in USD Mn, 2016-2031

By Application	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	CAGR 2023-31
Metallurgical Furnaces	167.44	173.19	180.04	186.00	177.73	181.69	187.10	193.22	201.29	210.32	220.46	231.96	244.83	259.33	275.72	294.25	5.4%
Automotive Components	87.57	91.05	95.15	98.82	94.92	97.55	100.98	104.84	109.80	115.33	121.53	128.56	136.41	145.26	155.27	166.59	6.0%
Marine Structures	19.85	20.44	21.16	21.77	20.71	21.08	21.61	22.22	23.04	23.97	25.01	26.19	27.52	29.01	30.69	32.59	4.9%
Aerospace Components	114.08	119.19	125.17	130.63	126.08	130.19	135.41	141.24	148.61	156.82	166.01	176.40	188.02	201.11	215.92	232.68	6.4%
Electronics & Semiconductor Components	63.49	65.82	68.60	71.05	68.05	69.75	72.00	74.55	77.86	81.56	85.71	90.41	95.68	101.60	108.31	115.89	5.7%
Others	37.18	38.38	39.82	41.06	39.16	39.95	41.06	42.32	44.00	45.88	47.99	50.39	53.07	56.09	59.51	63.38	5.2%
Total	489.60	508.08	529.94	549.32	526.65	540.20	558.17	578.38	604.60	633.87	666.70	703.91	745.54	792.40	845.41	905.39	5.8%

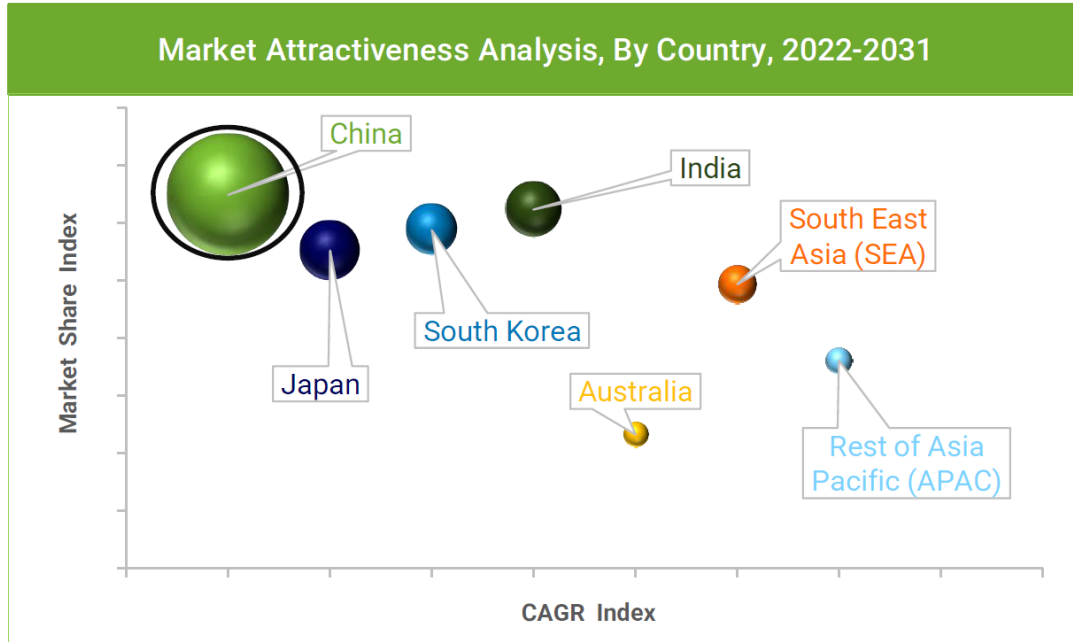
Market Size By Application

Asia Pacific Alumina Fibers Market Volume, in Thousand Tons, 2016-2031

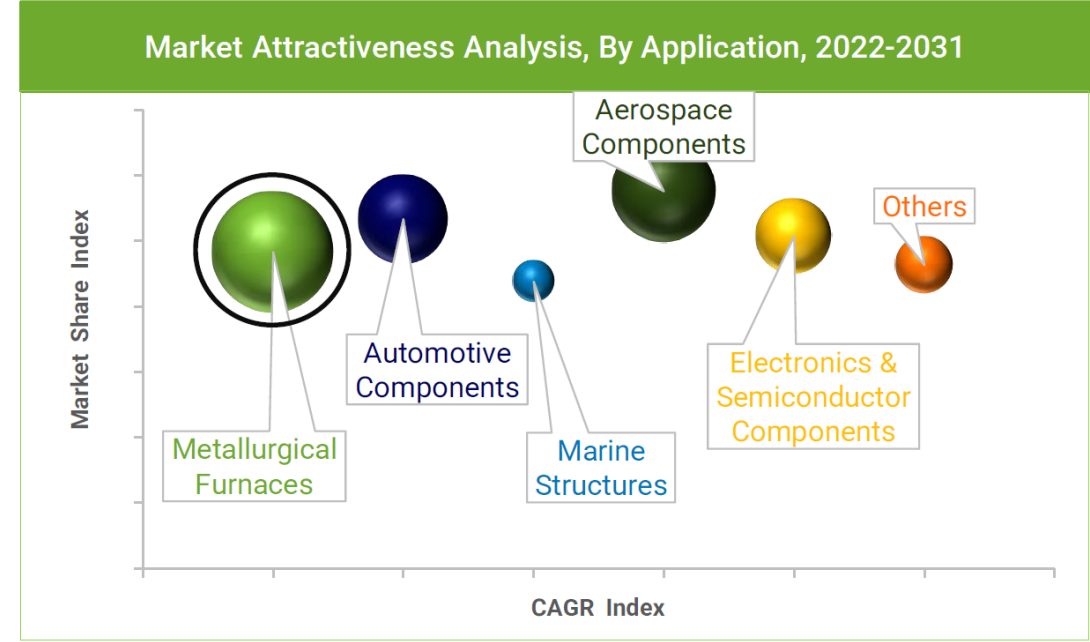
By Application	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	CAGR 2023-31
Metallurgical Furnaces	139.04	141.43	144.46	147.09	141.33	142.57	144.46	146.77	150.27	153.89	157.99	162.72	167.72	173.18	179.34	186.25	3.0%
Automotive Components	77.88	79.58	81.64	83.50	80.59	81.66	83.11	84.82	87.23	89.73	92.54	95.74	99.12	102.82	106.95	111.58	3.5%
Marine Structures	15.55	15.70	15.91	16.08	15.33	15.34	15.42	15.54	15.78	16.02	16.31	16.65	17.01	17.41	17.87	18.39	2.1%
Aerospace Components	107.83	110.63	113.96	117.04	113.41	115.38	117.90	120.80	124.72	128.79	133.33	138.47	143.92	149.84	156.46	163.83	3.9%
Electronics & Semiconductor Components	54.48	55.52	56.81	57.96	55.80	56.39	57.25	58.28	59.79	61.35	63.10	65.12	67.25	69.58	72.20	75.13	3.2%
Others	30.08	30.48	31.02	31.46	30.12	30.27	30.55	30.92	31.53	32.16	32.89	33.73	34.63	35.61	36.72	37.98	2.6%
Total	424.86	433.34	443.81	453.13	436.56	441.60	448.68	457.13	469.30	481.94	496.16	512.44	529.65	548.44	569.54	593.16	3.3%

- Metallurgical furnaces is expected to hold a large market share driven by increasing steel industry. Alumina Fiber rising usage in the furnace due to able to help maintain high temperatures inside the furnace while preventing heat loss, reducing energy consumption. Better service lifetime than existing material will increase furnace efficiency.
- In Automotive, alumina fiber required as fire barrier in EV battery due to high temperature resistant properties.
- In Aerospace Components, higher temperature resistant composite parts able to be achieved by using alumina fiber as reinforced material.

Market Attractiveness Analysis

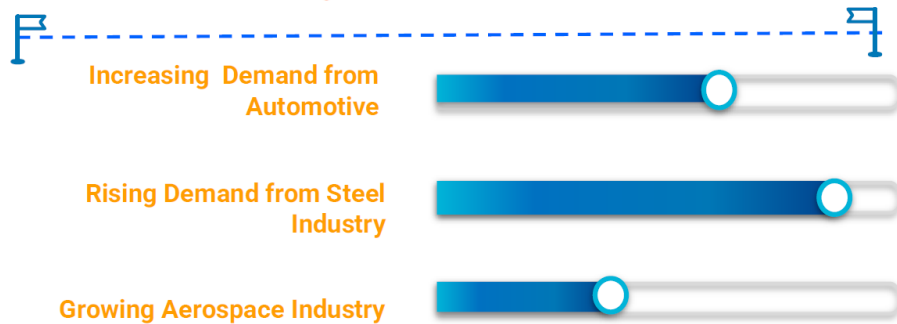


*Size of the bubble indicates the incremental opportunity during the period 2022-2031



*Size of the bubble indicates the incremental opportunity during the period 2022-2031

Regional Factors of the Market



- China expected to dominate market demand due to increase in Steel and Automotive components.
- India market demand anticipated to increase from Steel Industry, Automotive and Aerospace components.