

Air Emissions

Air Emissions	Reporting Scope	2017	2018	2019	2020
NOx (tons)	2020 Reporting Scope (107 sites)	2,559	2,879	4,659	4,937
	2019 Reporting Scope (94 sites)				4,329
NOx Intensity (tons/ton of production)	2020 Reporting Scope (107 sites)	0.00026	0.00025	0.00036	0.00032
	2019 Reporting Scope (94 sites)				0.00033
SOx (tons)	2020 Reporting Scope (107 sites)	1,518	1,970	4,993	4,658
	2019 Reporting Scope (94 sites)				4,650
SOx Intensity (tons/ton of production)	2020 Reporting Scope (107 sites)	0.00015	0.00017	0.00039	0.00030
	2019 Reporting Scope (94 sites)				0.00036
VOCs (tons)	2020 Reporting Scope (107 sites)	2,078	4,642	2,123	3,298
	2019 Reporting Scope (94 sites)				2,029
VOCs Intensity (tons/ton of production)	2020 Reporting Scope (107 sites)	0.00021	0.00041	0.00017	0.00021
	2019 Reporting Scope (94 sites)				0.00016

Water Discharge, BOD, and COD

	Unit	2017	2018	2019	2020
Water Discharge	m ³	32,222,930.29	33,659,202.00	28,812,422.07	48,753,356.35
BOD	Ton	100	357	328	1,347
COD	Ton	1,542	2,357	1,693	12,560

Material Consumption

Material Consumption	Unit	2017	2018	2019	2020
Total material used	Ton	10,656,101	11,418,542	13,058,127	15,019,567
Raw materials					
PTA	Ton	4,061,686	4,281,652	5,195,207	5,260,904
MEG	Ton	1,492,315	1,647,427	2,034,280	2,071,956
Paraxylene	Ton	2,452,829	2,755,828	2,751,180	2,785,304
IOD raw materials	Ton	-	-	-	1,532,558
Acetic acid	Ton	139,606	162,234	168,183	154,037
Purified isophthalic acid	Ton	64,042	70,510	88,511	96,462
PET	Ton	259,809	302,396	405,181	398,514
PP	Ton	123,825	118,622	274,540	274,328
PE	Ton	37,193	67,172	55,494	56,757
HDPE	Ton	5,481	7,134	9,140	8,211
Wool	Ton	2,521	2,600	5,096	3,400
Cardboard packaging	Ton	39,556	3,516	57,745	5,006
Partially oriented yarn (POY) + Textile grade chips	Ton	21,150	0	4,009	13,693
Bio-raw materials					
Bio-MEG	Ton	7,447	15,808	9,130	10,031
Cellulose	Ton	11,043	11,004	10,079	7,212
PLA	Ton	2,383	1,088	2,023	3,641
Others	Ton	1,791,707	1,830,309	1,781,332	2,106,641
Total recycled materials	Ton	143,507	141,242	206,996	230,912