

PE & PP Manufacturer List

China / East (29)

Region / Country	Ownership, Partnership Manufacturer or JV structure, Project entity	Location, Site	Category:		Capacity, Process, Technology, Engineering, Catalyst, Noted Products	Start-up, Expansion, Closure	Line (s)	Capacity (Year/End, KT/Y)					2022-Plan, Expansion, News
			C2, C3 /	Polymer				2017	2018	2019	2020	2021	
(杭州) Hangzhou 杭州市 (Zhejiang Petrochemical; 浙江省舟山綠色石化基地) 親会社: 榮盛石化股份有限公司													
		Phase-1	Ref-1	3 mm-t/y or 40m tonnes/year ?, aromatics capacity of 10m tonnes/year		2019/2H started				2019 稼働開始した。			
		Phase-2	Ref-2	3 mm-t/y Construction of the second phase will begin after the full start-up of phase I.		2020/4Q started				2020/4Q 稼働開始した。			
浙江化工: ZPC Phase-1: Zhejiang Petroleum and Chemical Co. (ZPC)	* 出資関係は以下参照 ; 主に Subsidiary of Rongsheng Petrochemical (ロンシャ ンの子会社)	Zhoushan, Zhejiang province, 杭州 市, 浙江省	C2 新設	Cap: 1.4 MMTA, Feed: Naphtha Eng'g: Wison eng'g, using TechnipFMC's proprietary technology		2017年7月に 第一期の建設 を開始, 2020/5 start- up			0	0	1,500	1,500	
			C3	from above				0	750	750	750		
内, 早いものは; 2018 遅くに, 生産開始													
Phase-1	2019/2: Saudi Aramco to buy 9% stake in Zhejiang integrated refinery and petchem facility			HDPE	Cap: 258 KTA, Tech:	2020/1 start- up	1		0	300	300		
				LLDPE	Cap: 230 KTA , Tech:		1		0	450	450		
				LD/EVA	なし								
				PP	Cap: 750 KTA, 2 lines, Tech:	2020/1 start- up	1		0	375	375		
				PP		2020/2Q expected	1		0	375	375		
				Others	EO/EG (5/75), MMA (9), etc.								

* ZPC 出資構成 : ZPC—a joint venture of China-based Rongsheng Holding Group Co. Ltd. 51%, Juhua Investment Co. Ltd. 20%, Tongkun Investment Co. Ltd. 20%, and Zhoushan Marine.

Company Descrip 浙江榮盛控股集团

<http://www.rong-sheng.com/>

Zhejiang Rongsheng Holding Group Co., Ltd. operates as an investment company. The Company offers industrial investment, financial investment, investment consulting, and other services.

Zhejiang Rongsheng Holding Group also operates in real estate development, business management consulting, and other businesses.

Rongsheng is one of the leading private enterprises in the petrochemical industries.

会社の経過説明; The enterprise group with a relatively full range of industrial chain, like petrochemical, petrochemical, real estate, logistics, venture investment, etc.

Rongsheng Group now possesses total assets of more than 200 billion RMB, ranking the 143th place of China's top 500 enterprises, the 33th place of China's top 500 non-government enterprises, and the second place of China's top 100 non-government petroleum and chemical enterprises, and its sales revenue reaches 205.6 billion RMB in 2018. Rongsheng Group has listed subsidiaries, including Rongsheng Petrochemical, Ningbo Joint Group, etc., the industry of which has involved in petrochemical, real estate and other fields.

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Region / Country Manufacturer or Project entity	Ownership,Partnership JV structure, Project owner, Finance	Location, Site	Category:		Capacity, Process, Technology, Engineering, Catalyst, Noted Products	Start-up, Expansion, Closure	Line (s)	Capacity (Year/End, KT/Y)					2022--Plan, Expansion, News
			C2, C3 / Polymer					2017	2018	2019	2020	2021	
Phase-2	2019/2: Minority stake will gain access to 800,000 b/d crude refining, two 1.4 MMt/y ethylene crackers, and well over 10 MMt/y of aromatics production.	杭州市, 浙江省, 舟山綠色石化基地	C2	Cap: 1.4MMTA, Construction of the second phase will begin after the full start-up of phase I. Tech: Axens' selective hydrogenation catalvsts. 2019/5 発注, 2020/4Q trial run	2021/4 started						0	1,400	
			C3	from above							0	700	
			C4,BD								0	120	
浙江化工; ZPC Phase-1	\$6.2-billion complex	浙江省舟山綠色石化基地	HDPE	Cap: 350 KTA	2021/4Q started	1					0	350	2022/1Q startup
			LLDPE	Cap: 450 KTA, Tech:	2021/4Q started	1					0	450	
			EVA/LD	Cap: 100/300 KTA Tech:		0					0	0	
			PP	Cap: 900 KTA, 2 lines Tech:	2021/4Q started	2					0	900	
			Others	PO, EO/EG (10/65), vinylacetate, etc.									
Phase-3 もあると			C2	Cap: KTA,	2022年にも立地場所の埋め立て着手と						0		
			LLD	Cap: 450KTA							0		
			HD	Cap: 300KTA							0		
			PP	Cap: 900KTA, 2 lines							0		
			Others										

浙江化工 ZPC 関連ニュース;

親会社: 盛石化股份有限公司, 9% 出資者 Aramco 関連のニュース;

2022/01/19 浙江榮盛石化、舟山の精製・石化プロジェクト第2期を全面稼働

2022/01/11 中国・浙江石化、年産30万トンのEVAプラントを稼働

2021/11/30 **ZPC studies direct processing of crude into olefins to cut carbon emissions**

2021/05/10 中国の浙江石化、第2期エチレン140万トンが稼働開始～1年で倍増

2021/4/12 **Zhejiang Petrochemical started up No. 2 cracker in China**

Zhejiang Petrochemical Co Ltd (ZPC) has started up its No. 2 cracker in Zhoushan, China, which is part of the company's phase 2 petrochemical project in the county.