

PE & PP Manufacturer List

Russia (13)

Region / Country	Ownership, Partnership Manufacturer or Project entity	Location, Site	Category:		Process, Capacity Technology, Engineering Catalyst, Products	Start-up, Expansion, Closure	Line (s)	Capacity (Year/End, KT/Y)					2022--Plan, Expansion, News
			C2, C3 /	Polymer				2017	2018	2019	2020	2021	

<ウラル山脈より東の中央シベリア地区＝西部シベリア Western Siberia >

(Tobolskにおける Sibur の既存事業)

TOBOLSK NEFTEKHIM	Sibur control	Orenburg, Tobolsk, Tyumen state	C3	PDH Unit, 510KT; Linde eng'ged, UOP's C3 Oleflex process technology.	2011/12 mecha-com, 2013/10 started		510	510	510	510	510	2014/4Q full capa.にアップした。
Tobolsk Polymer LLC, 2006/4 set-up	上記の TOBOLSK NEFTEKHIMの部門		PP	Innovene-P; 世界最大ライン 500KT, Technimont eng'g, Euro450MM	2014/8 started	1	500	500	500	500	500	
					上記の130KT増強		0	0	0	0	0	
			PP	Cap.: 500KTA, Basell tech	2019/4/ completed, partly started	1		0	500	500	500	多分, 2019中にスタート
			HDPE	Cap: 1,100KTA (4 lines?)	2019/10 partly started	1		0	300	300	300	
			LDPE	Cap: 400KTA (4 lines?)	未完					0	0	

TOBOLSK NEFTEKHIM 関係ニュース;  
2018 -- 2021: 特になし

(Tobolskにおける SIBUR の新プロジェクト:)			Feed NGL: A raw NGL pipeline has been built between the Purovsky Gas Condensate Processing Plant and Tobolsk-Neftekhim Pj aims to develop its deep processing operations and is focused on significant volumes of oil and gas exploration by-products in West Siberia, and import substitution of those polymers. 副生物の活用											
SIBUR's flagship company														
ZapSibNeftekhim (project name); World-scale petrochemicals complex at Tobolsk  (つづく)	Sibur-Neftekhim, Siber LLC 100% control, fully-owned subsidiary, financing MoU.  \$9.5bn project(*)	Orenburg, Tobolsk, Tyumen state, 上記の既設プラントに隣接する	C2	Stean cracker, Cap. 1,500KTA, 2019/Q2 Mechanical completion.	スケジュールは従来より1年以上遅らせて、2019メカコン、2020 start-up					0	1,500	1,500		
				Process trech: Basetech: Pyrolysis units エチレン設備を独リンデに発注; Awarded a licensing and front-end engineering design (FEED) contract to Linde. Eng'g of infrastructure and off-site facilities: Russia's leading engineering centre, NIPIgaz. 工事: 2015/2 groundbreaking ceremonyやった(ただ、その後様子見).										
			C3	Cap.: 500KTA								0	0	
			C4	Butane-butylene fraction: cap. 100KTA; UOP tech.								0	0	

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			C2, C3 /	Polymer				2017	2018	2019	2020	2021		
ZapSibNeftekhim	1st Phase:	Tobolsk		PE	Total cap.: 1,500KTA, 種々PEを含む INEOS technology, 3 lines Process tech: 2012/7: Sibur's first polypropylene plant using INEOS Technology licensed Eng'g:	2019/1H mechanical completion, 2019/3Q start-up							2020/4 full operation	
				HDPE			700 KTA	2			0	700		700
				LL/HDPE			800 KTA	2			0	800		800
		Tobolsk		PP	Cap.: 500KTA, Tech: Basell tech	2020 started	1			0	500	500		

(\* ) コスト推定前提; The estimated cost includes expenditure incurred and costs budgeted for commissioning, production site infrastructure development and other activities. This will be adjusted according to exchange rate and oil price changes.

Tobolsk における SIBUR のプロジェクト・ニュース:

- 2020/5/27 Based in Russia, the turnaround includes both old and new PE plants of Sibur which consists of TOMSKNEFTEKHIM with 270,000 tons/year of LDPE unit as well as ZapSibNeftekhim with a 700,000 tons/year HDPE unit and 800,000 tons/year LLDPE/HDPE swing plant.
- 2020/5/27 All PE plants are expected to remain off-stream for about 20 days. A source closed to the company informed that previously the lines have been operating at lower rates, and expected production rate shall be ramp up higher after resume from maintenance shutdown.
- 2020/4/30 ZapSibNeftekhim 稼働開始  
following full the start of operational activity from ZapSibNeftekhim posted Wednesday, April 01, 2020
- 2020/1/30 ZapSibNeftekhim-expansion already being considered posted Thursday, January 02, 2020
- 2020/1/30 SIBUR is already considering the expansion of the ZapSibNeftekhim complex at Tobolsk in which the first phase was completed at the end of 2019. ...
- 2019/10/18 SIBUR presents ZapSib PP and PE grades at K 2019
- 2019/10/17 ZapSibNeftekhim produces first polyethylene from its own feedstock
- 2019/10/17 In the course of ZapSibNeftekhim commissioning and start-up, we reached yet another major milestone – the first ethylene batch produced in-house and used as feedstock for the first polyethylene granules.
- 2019/9/26 Russia's ZapSibNeftekhim to export PP, PE from new plant in November
- 2019/9/26 Following a trial production at PP plant in April and at PE plant in July, ZapSibNeftekhim has informed its potential customers in China about its intention to export in larger quantity to this market starting November 2019.