

PE & PP Manufacturer List 12.

Russia (33)

Region / Country	Ownership, Partnership Manufacturer or Project entity	Location, Site	Category: C2, C3 / Polymer	Process, Capacity Technology, Engineering Catalyst, Products	Start-up, Closure, Expansion	Line (s)	Capacity (Year/End, KT/Y)					2021--Expansion, Construction, Plan Completion, News
							2016	2017	2018	2019	見込み 2020	

<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 Tobolsk Polymer LLC, 2006/4 set-up	Sibur control 上記の TOBOLSK NEFTEKHIMの部門	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。
				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 2013/4/		0	0	0	0	0	
Tobolsk Polymer LLC, 2006/4 set-up	Sibur control	Orenburg, Tobolsk, Tyumen state	新設	PP Cap.: 500KTA, Basell tech	completed partly	1			0	500	+	多分, 2019中にス タート
			新設	HDPE Cap: 1,100KTA (4 lines?)	2019/10 partly started	1			0	300	300	
				LDPE Cap: 400KTA (4 lines?)	未完						0	

TOBOLSK NEFTEKHIM 関係ニュース;

2015 生産量実績; Tobolsk-Polymer (SIBUR), Russia's largest PP producer; Tobolsk PP plant's overall production reached 343,400 tonnes over the first eleven months of the year 2015.

(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	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 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, NIPgaz. 工事: 2015/2 groundbreaking ceremonyやった(ただ、その後様子見).	2019/Q2 Mechanical completion?						0	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年スタートに見 込み変更
			C3	Cap.: 500KTA Process tech:							0	
			C4	Butane-butylene fraction: cap. 100KTA; UOP tech							0	
ZapSibNeftekhim 1st Phase:		Tobolsk		PE 以下↓ Total cap.: 1,500KTA, 種々PEを含む INEOS technology, 3 lines, Eng'g: Process tsch: 2012/7: Sibur's first polypropylene plant using INEOS Peechnology licensed	2019/8/2Q メカコ ン見込み							Late 2019 Mechanical completion, 2019~ 2020-- start-up expectd
			新設	HDPE 700 KTA	2020 satrt	2				0	700	
			新設	LL/HDPE 800 KTA	2020 satrt	2				0	800	
		Tobolsk	新設	PP Cap.: 500KTA, Tech: Basell tech	2019 started	1		0	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.