

UIF Polycondensation Technologies

Polyester (PET) References

PET

Customer :	Undisclosed
Location :	Turkey
Capacity :	378'000 t/a of polyester fiber (1 line)
Technology:	UIF, 2-reactor process
Commissioning:	Expected 2018
Speciality:	World largest single line textile polyester plant (1050 tpd)



Customer :	Far Eastern New Century Corporation (FENC)
Location :	Hsinpu, Taiwan
Capacity :	140'000 t/a of PET (1 line) (extension)
Technology:	UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning:	Expected 2017
Speciality:	With integrated 35'000 t/a FTR® recycle line

PBT

Customer :	Shinkong
Location :	Taipei, R.O.C., Taiwan
Capacity :	68'000 t/a of PBT (1 line)
Technology:	UIF, 2-reactor process
Commissioning:	Expected 2017
Speciality:	With integrated 35'000 t/a FTR® recycle line



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Customer : CTC "Ivregionsynthes"
Location : Ivanovo Region, Russia
Capacity : 180,000 t/a of polyester fibre (1 line)
Technology: UIF, 2-reactor process
Scope: Design and engineering contract
Speciality : Direct melt spinning of staple fibre



Customer : JBF Industries
Location : Geel, Belgium
Capacity : 432,000 t/a of PET (2 lines)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2014
Speciality : Integration of a 54,000 t/a Flakes-To-Resin (FTR®) recycling line



Customer : Micro Polypet
Location : Panipat, India
Capacity : 216,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2014
Speciality: -



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Customer : Lotte Chemical UK
Location : Middlesbrough, England
Capacity : 216,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2014
Speciality: -



Customer : Köksan PET ve Plastik Ambalaj
Location : Gaziantep, Turkey
Capacity : 216,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2014
Speciality: -



Customer : SKC Co., Ltd.
Location : Jincheon, Republic of Korea
Capacity : 198,000 t/a of PET
Technology: UIF, 2-reactor process
Commissioning: 2014
Speciality : The plant is designed to produce premium optical-grade PET, which is primarily used in the production of high-end films for consumer electronics, deserves special mentioning.



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Customer : SIPCHEM
Location : Jubail, Saudi Arabia
Capacity : 68,000 t/a of PBT (1 line)
Technology: UIF, 2-reactor process
Commissioning: 2014
Speciality : LSTK project by ThyssenKrupp Industrial Solutions AG (main contractor)



Customer : SABIC
Location : Yanbu, Saudi Arabia
Capacity : 420,000 t/a of PET (2 lines)
Technology: UIF, 2-reactor process, SSP
Commissioning: 2014
Speciality : Integration into Ibn Rushd petrochemical complex



Customer : OCTAL Petrochemicals
Location : Salalah, Oman
Capacity : 550,000 t/a of PET (2 lines)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2012
Speciality : World's largest integrated PET sheet manufacturer



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Customer: PVTex
Location: Hai Phong City, Vietnam
Capacity: 180.000 t/a of polyester fibre
Technology: UIF, 2-reactor process
Commissioning: 2012
Speciality: Direct melt spinning of staple fibre



Customer : JSC Alco-Naphtha
Location : Kaliningrad, Russia
Capacity : 240,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2011
Speciality : First plant operated in Europe with Uhde Inventa-Fischer's proprietary MTR® technology



Customer : BASF
Location : Ludwigshafen, Germany
Capacity : - t/a, Co-polyester
Technology: UIF, 2-reactor process
Commissioning: 2011
Speciality : Production of biodegradable polyester based on BASF know how



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Customer : Indorama Polymers
Location : Decatur, USA
Capacity : 432,000 t/a of PET (2 lines)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2009
Speciality : Production of PET with recycled content using FTR® technology



Customer : OCTAL Petrochemicals
Location : Salalah, Oman
Capacity : 288,000 t/a of PET (2 lines)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2008
Speciality : Direct production of APET sheet



Customer : DAK Americas
Location : Cape Fear, USA
Capacity : 200,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, Melt-To-Resin (MTR®)
Commissioning: 2007
Speciality : First plant using MTR® technology; revamp of an existing plant



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Customer : Mogilevkhimvolokno
Location : Mogilev, Belarus
Capacity : 80,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, SSP
Commissioning: 2007
Speciality : The plant can use DMT or PTA as feedstock



Customer : Orion Global PET
Location : Klaipeda, Lithuania
Capacity : 200,000 t/a of PET (1 line)
Technology: UIF, 4-reactor process, SSP
Commissioning: 2006
Speciality : -



Customer : Senege
Location : Moscow, Russia
Capacity : 100,000 t/a of PET (1 line)
Technology: UIF, 2-reactor process, SSP
Commissioning: 2006
Speciality : -



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Customer : SK Eurochem
Location : Wloclawek, Poland
Capacity : 100,000 t/a of PET (1 line)
Technology: UIF, 4-reactor process, SSP
Commissioning: 2005
Speciality : -



Customer : Zhejiang Euro-Asia Film Materials
Location : Shaoxing, P.R. China
Capacity : 200,000 t/a of PET (1 line)
Technology: UIF, 4-reactor process, SSP, Melt-To-Film (MTF®)
Commissioning: 2005
Speciality : Direct production of BOPET film



Customer : DuPont (JV of DuPont and Lanxess)
Location : Hamm, Germany
Capacity : 80,000 t/a of PBT (1 line)
Technology: UIF, 2-reactor process
Commissioning: 2003
Speciality : LSTK project by Uhde Inventa-Fischer

