

PROPYLENE DERIVATIVES CAPACITY BALANCE - GERMANY

DERIVATIVE CAPACITY

		1990	1991	1992	1993	1994	1995	1996	1997	2000
<b>POLYPROPYLENE</b>										
BASF	-LUDWIGSHAFEN	10	10	15 *	20	20	20	20	20	20
BASF	-WESSELING	-	-	-	-	-	-	-	-	225
BASF(ROW)	-WESSELING	40	40	40	40	40	40	40	40	40
BASF(ROW)	-WESSELING	110	140	170	170	170	170	170	240	240
BSL OLEFIN GMBH	-SCHKOPAU	-	-	-	-	-	-	-	-	200
HOECHST	-KELSTERBACH	135	135	100 *	-	-	-	-	-	-
HOECHST	-KNAPSACK	80	80	80	80	80	80	80	80	80
HOECHST	-KNAPSACK	100 *	145	145	145	150 *	160	190 *	210	210
MONTELL POLYOLEFI	-KOELN	-	110 *	120	120	120	120	120	120	120
PCD POLYMERE	-BURGHAUSEN	140	140	140	140	140	140	140	140	140
VESTOLEN	-GELSEN.BUER	120	120	120	120	120	120	120	120	140
VESTOLEN	-GELSEN.BUER	-	-	50 *	75	75	75	75	75	75
<b>Total</b>		<b>735</b>	<b>920</b>	<b>980</b>	<b>910</b>	<b>915</b>	<b>925</b>	<b>955</b>	<b>1045</b>	<b>1490</b>
<b>ACRYLONITRILE</b>										
ERDOELCHEMIE	-KOELN	80	80	80	80	80	80	80	80	80
ERDOELCHEMIE	-KOELN	190	190	190	195 *	200	200	200	200	200
HOECHST	-MUNCHSMUNSTER	90	90	90	90 !	90	90	90	90	90
PCK SCHWEDT	-SCHWEDT	20 )	-	-	-	-	-	-	-	-
PCK SCHWEDT	-SCHWEDT	30	32 *	35	35	35	35	35	35	35
PCK SCHWEDT	-SCHWEDT	25	25	25	25	25	25	25	25	25
<b>Total</b>		<b>415</b>	<b>417</b>	<b>420</b>	<b>425</b>	<b>430</b>	<b>430</b>	<b>430</b>	<b>430</b>	<b>430</b>
<b>CUMENE</b>										
CAPROLACTAM LEUN.	-LEUNA	50	50 !	50 !	50 !	50	50	50	50	-
CAPROLACTAM LEUN.	-LEUNA	-	-	-	-	-	-	-	-	180
HUELS	-MARL	130 *	150	150	150	180 *	200	230 *	260	260
HW ZEITZ	-ZEITZ	70	70 !	70 )	70 )	70 )	70 )	70 )	-	-
VEBA OEL AG	-GELSEN.BUER	380 *	400	400	400	400	400	400	400	400
<b>Total</b>		<b>630</b>	<b>670</b>	<b>600</b>	<b>600</b>	<b>630</b>	<b>650</b>	<b>680</b>	<b>710</b>	<b>840</b>
<b>ISOPROPANOL</b>										
CONDEA	-MOERS	80	80	80	80	80	80	80	80	80
CONDEA	-MOERS	60	60	60	60	50	50	50	50	50
HUELS	-HERNE	75	75	75	75	75	75	75	75	75
<b>Total</b>		<b>215</b>	<b>215</b>	<b>215</b>	<b>215</b>	<b>205</b>	<b>205</b>	<b>205</b>	<b>205</b>	<b>205</b>
<b>OXO ALCOHOLS</b>										
BASF	-LUDWIGSHAFEN	370	370	370	380 *	440	440	440	440	440
BUNA GMBH	-SCHKOPAU	120 *	-	-	-	-	-	-	-	-
HOECHST	-OBERHAUSEN	285	285	285	285	285	302 *	305	395 *	450
HUELS	-MARL	275	275	275	290 *	305	340 *	370	380 *	390
<b>Total</b>		<b>1050</b>	<b>930</b>	<b>930</b>	<b>955</b>	<b>1030</b>	<b>1082</b>	<b>1115</b>	<b>1215</b>	<b>1280</b>
<b>PROPYLENE OXIDE</b>										
BASF	-LUDWIGSHAFEN	100	100	100	100	100	105 *	105	105	105
BSL OLEFIN GMBH	-SCHKOPAU	60	60 )	60 )	40	40	40	40	30 *	-
DOW	-STADE	420	420	420	420	420	420	440 *	470	470
DOW	-STADE	-	-	-	-	-	-	-	-	160
ERDOELCHEMIE	-KOELN	140	140	140	145 *	150	150	150	150	200
<b>Total</b>		<b>720</b>	<b>660</b>	<b>660</b>	<b>705</b>	<b>710</b>	<b>715</b>	<b>735</b>	<b>755</b>	<b>935</b>

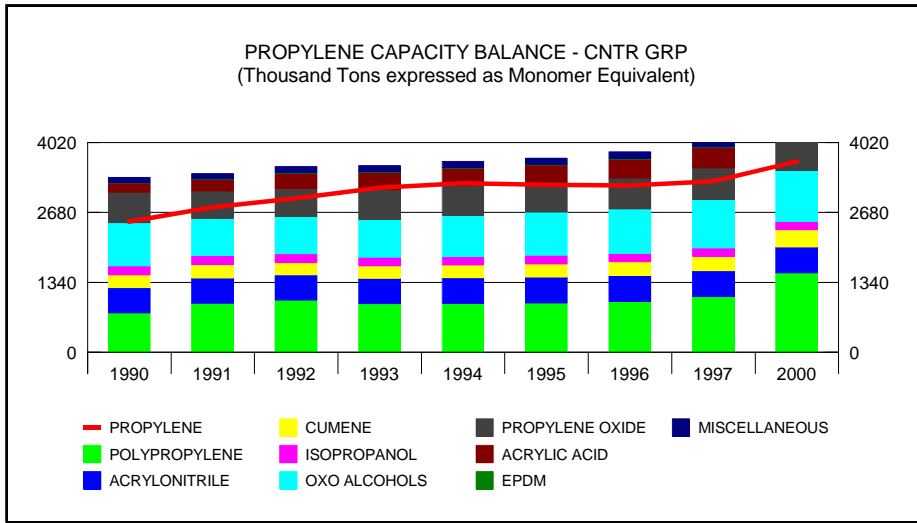
PROPYLENE DERIVATIVES CAPACITY BALANCE - GERMANY

DERIVATIVE CAPACITY

			1990	1991	1992	1993	1994	1995	1996	1997	2000
<b>ACRYLIC ACID</b>											
BASF	-LUDWIGSHAFEN		90	90	90	90	90	90	90	90	90
BASF	-LUDWIGSHAFEN		90	90	90	90	90	90	90	90	90
BASF	-LUDWIGSHAFEN		-	40 *	90	90	90	90	105 *	120	120
BSL OLEFIN GMBH	-SCHKOPAU		-	-	-	-	-	-	-	-	80
HUELS	-MARL		-	-	30 *	60	60	60	60	60	60
HUELS	-MARL		-	-	-	-	-	-	15 *	30	30
<b>Total</b>			<b>180</b>	<b>220</b>	<b>300</b>	<b>330</b>	<b>330</b>	<b>330</b>	<b>360</b>	<b>390</b>	<b>470</b>
<b>EPDM</b>											
BAYER	-MARL		-	-	-	-	-	41	41	41	41
HUELS	-MARL		41	41	41	41	41	-	-	-	-
<b>Total</b>			<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>
<b>MISCELLANEOUS</b>											
DEGUSSA	-WESSELING	Ar	27	27	27	27	27	27	27	27	27
DOW	-STADE	Al	55	55	75	75	75	75	90	90	90
SOLVAY	-RHEINBERG	Al	15	15	15	15	15	15	15	15	15
<b>Total</b>			<b>97</b>	<b>97</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>132</b>	<b>132</b>	<b>132</b>

CONSUMPTION CAPACITY EXPRESSED IN MONOMER EQUIVALENT

	1990	1991	1992	1993	1994	1995	1996	1997	2000
POLYPROPYLENE	750	938	1000	928	933	944	974	1066	1520
ACRYLONITRILE	486	480	483	489	495	495	495	495	495
CUMENE	246	261	234	234	246	254	265	277	328
ISOPROPANOL	169	169	169	169	161	161	161	161	161
OXO ALCOHOLS	833	713	711	731	788	828	853	929	979
PROPYLENE OXIDE	576	528	528	564	568	572	588	604	748
ACRYLIC ACID	180	220	300	330	330	330	360	390	470
EPDM	14	14	14	14	14	14	14	14	14
MISCELLANEOUS	97	97	117	117	117	117	132	132	132
<b>Total Consuming Capacity</b>	<b>3351</b>	<b>3420</b>	<b>3556</b>	<b>3576</b>	<b>3652</b>	<b>3715</b>	<b>3842</b>	<b>4068</b>	<b>4847</b>
<b>Total Producing Capacity</b>	<b>2505</b>	<b>2780</b>	<b>2950</b>	<b>3154</b>	<b>3240</b>	<b>3210</b>	<b>3197</b>	<b>3275</b>	<b>3655</b>
<b>NET MONOMER BALANCE</b>	<b>(846)</b>	<b>(640)</b>	<b>(606)</b>	<b>(422)</b>	<b>(412)</b>	<b>(505)</b>	<b>(645)</b>	<b>(793)</b>	<b>(1192)</b>



*PTM*  
CONSULTING GROUP