PURINOVA

POLYURETHANE INNOVATION

POLYESTER POLYOLS

Accelerating ...

... for your formulations

PURINOVA
POLYURETHANE INNOVATION

PURINOVA COMPANY

Purinova is a young, dynamically growing company, manufacturing polyesters polyols. We are export-orientated, built with Polish capital and proudly present on the market since 2006. It is our mission to develop new technologies to provide our clients with high quality products.

Thanks to the trust of our clients:

- Purinova increases production and sales by 30% every year
- 70% of our production is exported to foreign markets
- Our products are sold to over 50 countries around the world

We have:

- modern production lines of polyester polyols
- total yearly capacity 25 KT of Polyester Polyols
- new large storage space
- efficient logistics services

It all makes Purinova able to efficiently respond to high demands of our customers and partners.

We proudly meet their expectations.

Purinova
STEP INTO THE FUTURE

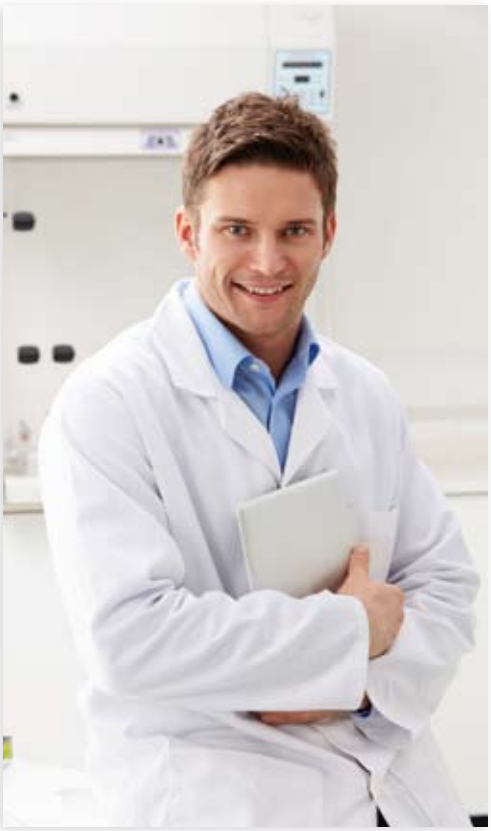
Our emphasis is on development and innovation. Purinova's R&D team uses its knowledge and experience to constantly develop and meet needs of our clients. We have own modern research laboratory and participate in international research projects.

'In our offer we have Aliphatic and Aromatic Polyester Polyols and also New Quality Polyester Polyols - based on our own technology.

Many of our customers around the world successfully use our Polyesters Polyols in following applications:

- Rigid PU/ PIR Systems
- PU Shoe Soles
- Flexible Slabstock

Innovation and quality in one



PURINOVA meets
Highest Quality Standards:
ISO 9001:2008; OHSAS 18001:2007;
ISO 14001:2004

Main components of our products are:

- Alcohols – 1,4-butanediol, monoethylene glycol, diethylene glycol, glycerol, trimethylolpropane.
- Carboxylic acids – adipic acid, phthalic anhydride, AGS etc.
- Additives (catalysts)
- Castor oil

We use safe eco-technologies,
and we offer competitive prices.

We are successful for you!

RIGID

Type	Hydroxyl number	Acid number	Viscosity	°C	Physical appearance	Main raw material	Functionality	Features
CONTINOUS LAMINATION PIR								
POLIOS 200 PA HV	210-220	0,6-1	9000-11000	25	liquid	PA, DEG	2	Good lambda value
POLIOS 200 PA HV/02	190-210	max 1	Max 4000	25	liquid	PA, DEG	2	Good lambda value, contains flame retardant
Polios 210 PA	190-210	1,1 - 1,6	3000 - 5000	25	liquid	PA, DEG	2	Improves flowability, contains flame retardant
Polios 250 PA/P	230 - 250	Max 1	1500 - 4500	25	liquid	PA, DEG	2	Low viscosity, good miscibility with blowing agent
POLIOS 250 PA/LV	230-250	max 1	2500-4000	25	liquid	PA, DEG	2	Better fire resistance, compressive resistance
POLIOS 250 PA	230-260	1,5-2	10000-12000	25	liquid	PA, DEG	2	Good lambda value
POLIOS 250 PA 01	240-260	2-3	7000-8500	25	liquid	PA, DEG	2	Good lambda value, low viscosity
POLIOS 250 PA FR	180-230	2-3	500-4000	25	liquid	PA, DEG	2	Contains flame retardant
Polios 240 PA/01	240-260	2,0-2,5	2000-4500	25	liquid	PA, DEG	2	Contains flame retardant
NEW QUALITY POLYESTER POLYOLS - CONTINOUS LAMINATION PIR								
Polios 250 S	235-255	1-2	3200 - 5200	25	liquid	DEG, glycerine	2,0-2,2	Good miscibility with blowing agents, good fire resistance
Polios 250 S/01	245-270	1-3	2200-4200	25	liquid	DEG, glycerine	2,0-2,2	Good miscibility with blowing agents, good fire resistance
Polios 200 S	180-200	1-2	3500-5500	25	liquid	DEG	2,0	Good miscibility with blowing agents, good fire resistance

RIGID

Type	Hydroxyl number	Acid number	Viscosity	°C	Physical appearance	Main raw material	Functionality
ONE COMPONENT FOAM							
POLIOS 260 PA	252-268	max 2	2500-4500	25	liquid	PA, DEG	2
POLIOS 200 BM/01	190 - 200	1,0-1,5	3000 - 4000	25	liquid	PA, DEG	2
POLIOS 200 MB/02	190 - 200	1,0-1,5	3500-4500	25	liquid	PA, DEG	2
POLIOS 310 PA	300-330	2,5-3,5	2000-3000	25	liquid	PA, DEG	2
NEW QUALITY POLYESTER POLYOLS - RIGID PU							
POLIOS 250	240-260	max 2	950-1300	25	liquid	EG, glycerine	2,1-2,2
POLIOS 420	400-440	0,5-2,0	Max 750	25	liquid	EG, glycerine	2,1-2,2
POLIOS 360 G	340 - 360	2 - 3	3000-7000	25	liquid	DEG	3,0-3,2
POLIOS 250 S	235-255	1 - 2	3200-5200	25	liquid	DEG, glycerine	2,0-2,2

PU SOLES

Type	Hydroxyl number	Acid Number	Viscosity	°C	Physical appearance	Main raw material	Functionality
SHOE SOLES/MICROCELLULAR							
POLIOS 40/28	38-42	max 1	9300-10700	35	liquid	DEG, EG	2,0-2,05
POLIOS 55/20 A	53-59	max 1	450-750	75	waxy	DEG, EG	2
POLIOS 55/20 N	53-59	max 1	450-650	75	waxy	DEG, EG	2
POLIOS 55/20 N 01	54-58	max 0,6	450-650 max 30000	75 18	liquid	DEG, EG	2
POLIOS 55/20	54-58	max 0,5	500-700	75	solid	BDO, EG	2
POLIOS 60/22	57-63	max 1,5	15800-21750 900-1100	25 75	liquid	DEG, TMP	2,65-2,75
NEW QUALITY POLYESTER POLYOLS							
POLIOS 40 AM	36-40	max 2,5	4000-8000	50	liquid	DEG	2
POLIOS 55/20 N/AT/02	55-60	max 1	8000-12000	35	liquid	DEG, EG	2
POLIOS 60 NAT/02	63-68	max 1,5	6000-12000	35	liquid	EG, TMP	2,05-2,15
POLIOS 75/15 N/AT	68-78	max 1	3500-5500	35	liquid	DEG, EG	2
POLIOS 60 N/AT	61-68	max 1,0	8000-12000	35	liquid	EG, TMP	2,05-2,15

CASE

Type	Hydroxyl number	Acid Number	Viscosity	°C	Physical appearance	Main raw material	Functionality
CAST ELASTOMERS							
POLIOS 50/23/N	45-55	max 1,5	23000-25000	25	liquid	TMP, DEG	2,35-2,45
POLIOS 50/20	52-58	max 1	500-700	75	solid	BDO	2
POLIOS 55/20	54-58	max 0,5	500-700	75	solid	BDO, EG	2
POLIOS 55/20/01	54-58	max 0,5	550-750	75	solid	BDO, MEG	2
POLIOS 55/20/02	54-58	max 0,5	550-750	75	solid	PDO, MEG	2
POLIOS 55/20 A	53-59	max 1	450-650	75	waxy	DEG, EG	2
POLIOS 55/20 N	53-59	max 1	450-650	75	waxy	DEG, EG	2
POLIOS 55/20 N 01	54-58	max 0,6	450-650 max 30000	75 18	liquid	DEG, EG	2
POLIOS 60/20	54-58	max 0,5	500-700	75	solid	EG	2
Polios 60/20/01	54-58	max. 0,5	500-700	75	solid	EG	2
POLIOS 40/21	46-56	max 1	450-650	75	liquid	DEG	2
POLIOS 115/10	108-116	max 0,6	170-270	70	liquid	EG	2
POLIOS 240	230-260	max 2	1500-4500	25	liquid	Castor oil, TMP	2,9-3,1

CASE

Type	Hydroxyl number	Acid Number	Viscosity	°C	Physical appearance	Main raw material	Functionality
ADHESIVES							
POLIOS 40/21	46-56	max 1	450-650	75	liquid	DEG	2
POLIOS 55/20 N	53-59	max 1	450-650	75	waxy	EG, DEG	2
POLIOS 60/20	54-58	max 0,5	500-700	75	solid	EG	2
POLIOS 55/20	54-58	max 0,5	500-700	75	solid	BDO, EG	2
NEW QUALITY POLYESTER POLYOLS							
POLIOS 250	240-260	max 2	950-1300	25	liquid	EG, glycerine	2,1-2,2
POLIOS 420	400-440	max 2	max 750	25	liquid	EG, glycerine	2,1-2,2
POLIOS 250 D	250-280	max 2	4000-7000	25	liquid	DEG, PA, glycerine	2,2-2,3
TPU							
POLIOS 55/20	54-58	max 0,5	500-700	75	solid	BDO, EG	2
POLIOS 60/20	54-58	max 0,5	500-700	75	solid	EG	2

FLEXIBLE

Type	Hydroxyl number	Acid Number	Viscosity	°C	Physical appearance	Main raw material	Functionality
FLEXIBLE FOAM							
POLIOS 50/23	45-55	max 1,5	1150-1350	75	liquid	DEG, TMP	2,35-2,45
POLIOS 50/23/N	45-55	max 1,5	23000-25000	25	liquid	TMP, DEG	2,35-2,45
POLIOS 60/22	57-63	max 1,5	15800-21750 900-1100	25 75	liquid	DEG, TMP	2,65-2,75
POLIOS 60/22 N	57-63	1-2	15000-20000 900-1100	25 75	liquid	DEG, TMP	2,65-2,75
POLIOS 62/22	59-64	1,0-1,5	1000-1300	75	liquid	TMP, DEG	2,55-2,65
NEW QUALITY POLYESTER POLYOLS							
POLIOS 60/NAT	61-68	max 1	8000-12000	35	liquid	EG, TMP	2,05-2,15
POLIOS 90/15 N/AT	90-110	<1	9000-11000	35	liquid	DEG, TMP	2,3-2,4

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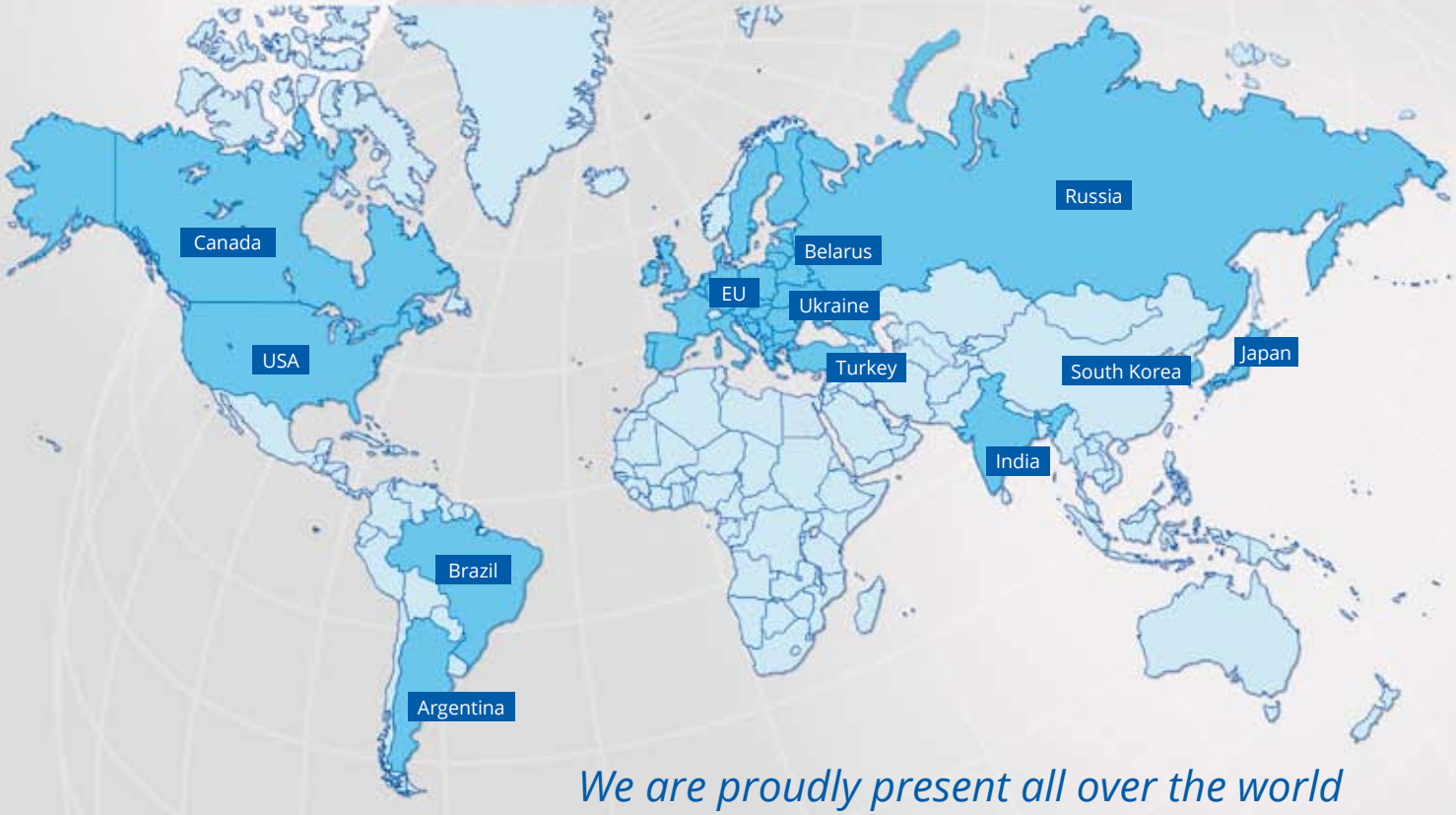

We are proudly present all over the world

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