










OUR PRODUCT RANGES

									
POLYURETHANES	Dianol® Adiansol® Siliporite®				Adiansol® Forane®				
POLYESTER RESINS	Dianol®						Dianol®		
EPOXY RESINS	Dianol®							Dianol® Adiansol® Surfaline® Noranium®	
ACRYLATES					Adiansol® Dianol® Ensoline®				

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Polyurethane solutions by Arkema



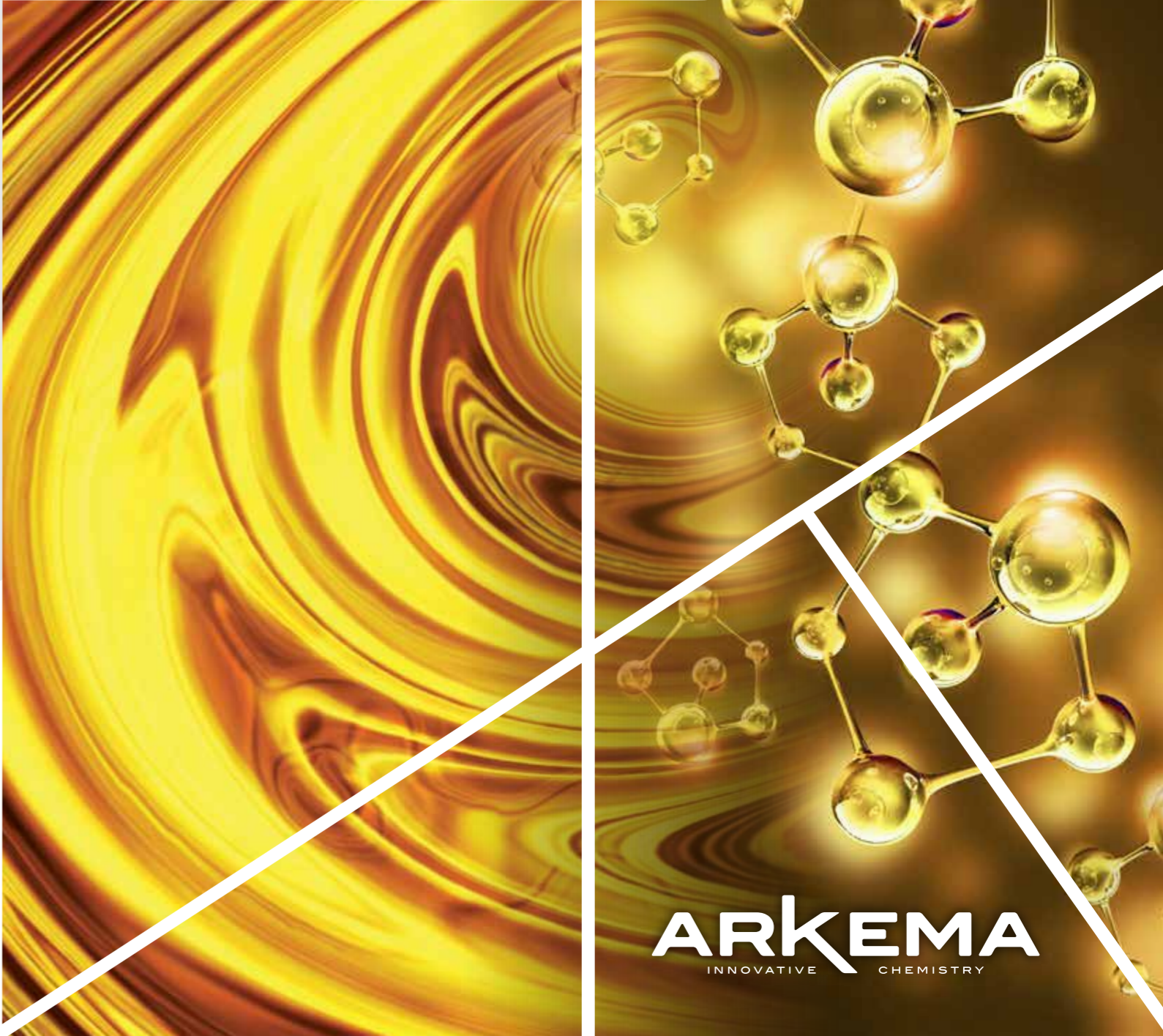
Our technical and sales teams are at your disposal to guide and advise you about the choice and implementation of our product ranges within your process.

> Contact us on arkema.com

A designer of materials and innovative solutions, Arkema shapes materials and creates new uses that accelerate customer performance. Our balanced business portfolio spans high-performance materials, industrial specialties and coating solutions. Our globally recognized brands are ranked among the leaders in the markets we serve. Reporting annual sales of €8.3 billion in 2017, we employ approximately 20,000 people worldwide and operate in close to 55 countries. We are committed to active engagement with all our stakeholders. Our research centers in North America, France and Asia concentrate on advances in bio-based products, new energies, water management, electronic solutions, lightweight materials and design, home efficiency and insulation. www.arkema.com
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Headquarters: Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex - France
Tel: +33 (0)1 49 00 38 00



POLYURETHANE SOLUTIONS BY ARKEMA

With decades of experience in providing solutions from design to after sales services, Arkema has flexible manufacturing capacity from pilot size to full scale manufacturing for its product ranges: polyether polyols, molecular sieves and fluorinated chemicals.

MOLECULAR SIEVES



Our **Siliporite®** zeolite powder range is used as desiccant in two-components polyurethane systems.

Siliporite® SA1720 is designed especially for polyurethane applications to give longer pot life and avoid gas desorption.

BLOWING AGENTS



The **Forane®** products are high performance fluorinated blowing agents for foams.

- Improved **energy efficiency**
- Improved **thermal efficiency** (very low λ values)
- **Safe** (nonflammable and low vapor pressure)

POLYETHER POLYOLS



- Improved **adhesion** properties
- Improved mechanical properties at **high temperature**
- Good compromise between **flexibility and hardness**
- Higher **glass transition**



- Enhanced **crosslinking** properties
- Improved **stability and reactivity**
- Higher **glass transition**
- Highly **hydrophobic** polyol

Our **Dianol®** and **Adiansol®** polyol ranges contain low molecular weight diols and triols.

	Product	OH Type	Hydroxyl Number Mg KOH/g	Molecular Weight	Viscosity (mPa.s at 25°C)
Dianol® DIOLS	223D	Primary	350	315	Solid (MP*=110°C)
	320 HP	Secondary	325	345	Solid (MP*=60°C)
	330		280	400	1 300 (50°C)
	240	Primary	280	405	10 000
	260		230	490	3 000
	3120	Secondary	130	865	1 000
	3130		110	1000	800
Adiansol® DIOLS	NO 320		500	225	150
	PPG 750	Secondary	145	750	125
	MA 3180		110	1200	150
Adiansol® TRIOLS	TO 208	Primary	900	170	3 200
	TO 307 T	Secondary	950	175	6 800
	TO 230	Primary	630	270	750
	GO 330		570	300	650
	TO 330		535	315	1 100
	TO 350	Secondary	390	430	735
	GO 360		380	450	350
	TO 470		260	650	400
	TO 2200	Primary	165	1 000	260
	GO 2280 T		130	1 350	360

	Product	Pore size
Siliporite®	SA1720	3 Å
	SA1720 SC	3 Å
	NK30AP	3 Å
	NK10AP	4 Å



	Product	Type	GWP	Boiling point (°C)	Vapor Thermal Conductivity (mW/m.K)
Forane®	134a		1430	-27	12,5
	365mfc/227ea (93/7)	HFC	964	30	11
	1233zd	HFO	1	19	9