



KABOODAN CHEMIE ZARIN

Polyurethane System House

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The Best
Solutions in
Polyurethane
Systems



About Kaboodan Chemie Zarin

Kaboodan Chemie Zarin Company (KCC) was established in 1994 and it is one of the Middle East leading Polyurethane System House with fully equipped laboratory for design, R & D, and quality control purposes.

Kaboodan Chemie Zarin Company's technology has been developed throughout the years, with the help of our own team work, our Company's philosophy is to give excellence in the products, services and offering fair competitive prices.

We are honored to export polyurethane systems to Pakistan, Turkey, different CIS & The Middle East Countries.

In 2005 Kaboodan Chemie Zarin Company had the honor of being the first Polyurethane System House in the Middle East to be formally accredited with ISO 9001:2008 a milestone in the history of Polyurethane. This accreditation serves as an assurance of the commitment of Kaboodan to research and development, quality of products and quality of services. In order to continue to be updated with the latest ISO requirement, Kaboodan has achieved accreditation to the ISO 9001:2008 version in 23 August 2005. All equipments are regularly calibrated independently to ensure precision and accurate readings as part of our ISO TS 16949-2002, ISO 9001:2008 obligations.

The factories (2 sites) are located in Ishtehard Industrial City, (120 Km outside Tehran). The Company has around 70 personnel both including the head office and the production sites.

Kaboodan Chemie Zarin is the first Middle East system house that has the capacities and experience to market and sell to all five continents through out the world.

Our production capacity for the products of different PU systems exceed 45,000 MT annually.

Quality Assurance

The company believes that success in the business depends on the quality of product and services offered to contented customer. It is providing a product with the high quality to offer domestic and international customers is our top priorities, so we produce such a high quality that is reliable and strong in conformation to the standard set of quality management system. Since 1994, we continually develop and improve the quality of products and services in order to meet our customer's needs and expectations.



Products Quality



Customer's demand is quality assurance and quick delivery service. To achieve this, the Company has a standard criterion for procurement process in selecting the source and packaging of raw materials, qualification of the supplier, control of vendor and raw material specification, all of which must be 100% pass through the standard specification requirement. In addition, the Company has its own research and development team who has wide knowledge in product development and research capability of exploring and determining the standard quality of product, creating innovative ideas and using up to date technology.

Technical service

Our customer service team also attributes to develop our service giving attention detail to every customer's needs and expectations with quick response to every requirement. More over, the invention of the latest information technology such as the communication system has also greatly contributed to progress of the production process, making communication with our customer a reality in just a short period of time. With our strong determination to achieve our goals in the business world, we are confident to offer not only a product with excellent quality but also a fast and friendly service to our customers.



Our Products Classification:

- Rigid System
- Semi-Rigid System
- Flexible System
- Shoe and Sole System
- Adhesive and Sealant System
- Polyurethane Colors
- Mold Release Agents

► Rigid System

- Sandwich Panel (Continuous and Discontinuous production method)
- Production of Refrigerator and Freezer
- Decoration Semi-Wood and High Density Foam
- Tank and Pipe Insulation
- Spray Insulation



Technical Specifications of Rigid PU System

PU Rigid System	Related Gas - %	Cream Time (Sec)	Gel Time (Sec)	Rise Time (Sec)	Free Rise Density (Kg/m ³)	Application
Polyol 4405-B2 Isocyanate 300	-	1-2	5	7	35 ~ 40	Rigid Spray System
Polyol 4411 Isocyanate 300	CP 11±1%	14±1	63±2	75	23 ~ 24	Refrigerator System Compatible with Gas Cyclopentane
Polyol 4415 Isocyanate 300	R11 18±1%	14±1	83±2	100	23 ~ 24	Refrigerator System Compatible with Gas R11
Polyol 4415 Isocyanate 300	141B 18±1%	14±1	83±2	100	23 ~ 24	Refrigerator System Compatible with Gas 141B
Polyol 4420 Isocyanate 300	141B 23 ~ 24 % Related to Thickness	11±2	56±2	95	34 ~ 38 Related to Thickness	Continuous Sandwich Panel 4-component System
Polyol 4420-B2 Isocyanate 300	141B 23 ~ 24 % Related to Thickness	11±2	56±2	95	34 ~ 38 Related to Thickness	B2-Class Continuous Sandwich Panel 4-component System
Polyol 4425 Isocyanate 300	141B 18±1%	27±2	125±5	165	31 ~ 33	Discontinuous Sandwich Panel System
Polyol 4425-B2 Isocyanate 300	141B 18±1%	27±2	125±5	165	31 ~ 33	B2-Class Discontinuous Sandwich Panel System
Polyol 4435 Isocyanate 300	141B 18±1%	35 ±1	140±5	190	32 ~ 35	Rigid Injection System to Pipes Insulation
Polyol 4445 Isocyanate 300	-	30 ±1	75±5	120	43 ~ 48	Some Special Insulation Applications
Polyol 4455 Isocyanate 300	-	30 ±1	75±5	120	53 ~ 58	Some Special Insulation Applications
Polyol 4465 Isocyanate 300	-	30 ±1	75±5	120	63 ~ 68	Some Special Insulation Applications
Polyol 4490 Isocyanate 300	-	25±2	190±5	200	250 ~ 300	Wood Foam System
Polyol4490/XXX Isocyanate 300	-	25±2	190±5	200	100 ~ 700 Related to Order	Decoration System

► Semi-Rigid System

- Automotive Dampening Part
- Automotive Dashboard
- Automotive Trim Part
- Integral Skin Foam



Technical Specifications of Semi-Rigid PU System

PU Rigid System	Related Gas - %	Cream Time (Sec)	Gel Time (Sec)	Rise Time (Sec)	Free Rise Density (Kg/m ³)	Application
Polyol 9940 Isocyanate	-	20	85	120	62 ~ 65	Dashboard Foam
Polyol 9944 Isocyanate	-	7±1	20±2	30	35 ~ 50 Related to Order	Bumper Foam
Polyol 4828 Isocyanate	-	20±1	80±2	100	65 ~ 70	Automotive Armrest
Polyol 4838 Isocyanate	-	15±1	45±2	65	60	Automotive Trim Parts
Polyol 503 Isocyanate	141B 8 ~ 10 %	15±2	30±2	45	210 ~ 230 Related to Application	Integral Skin foam for Steering wheel

► Flexible System

- Automotive Seat
- Bedding and Furniture
- Sound Insulation



Technical Specifications of Flexible PU System

PU System	Cream Time (Sec)	Gel Time (Sec)	Rise Time (Sec)	Free Rise Density (Kg/m ³)	Application
<i>Polyol 3673 Isocyanate 401</i>	13±1	83±2	140-150	50 ~ 52	Flexible Foam for Furniture
<i>Polyol 3675 Isocyanate 401</i>	13±1	78±2	95-100	47 ~ 48	Flexible Foam for Furniture
<i>Polyol 3677 Isocyanate 401</i>	13±1	81±2	110-120	48 ~ 50	Flexible Foam for Automotive seating
<i>Polyol 3677-B2 Isocyanate 401</i>	13±1	83±2	115-120	50 ~ 51	Flexible Foam for Automotive seating with Fire Retardant
<i>Polyol 3626 Isocyanate 401</i>	10±1	53±2	70-75	49 ~ 50	Flexible Foam for Motorcycle Saddle
<i>Polyol 5533 Isocyanate 401</i>	27±2	82±2	105-110	280 ~ 290	Air Filters Foam with Low Density and various Colors
<i>Polyol 5535 Isocyanate 401</i>	32±2	78±2	100-105	420 ~ 430	Air Filters Foam with High Density and various Colors
<i>Polyol 5537 Isocyanate 401</i>	27±2	78±2	95-100	300 ~ 310	Air Filters Foam with Medium Density and various Colors

► Shoe and Sole System

- Men Shoe and Sole
- Men and Women Slipper
- Safety Shoe
- Sport Shoe
- Mountain Climbing Shoe



Technical Specifications of Shoe and Sole PU System

PU System	Cream Time (Sec)	Free Rise Density (Kg/m ³)	Mold Density (Kg/m ³)	Hardness (Shor A)	Demolding Time (Sec)	Poly/Iso Ratio (Poly=100)	Application
Polyol 421 Isocyanate 100 Additive 444	8 ±1	250±10	430±10	50±5	210-240	86±3	Men Shoes
Polyol 521 Isocyanate 200 Additive 555	8 ±1	230±10	390±10	65±5	180-220	105±4	Slippers and Short Heel (Men and women)
Polyol 321 Isocyanate 100 Additive 666	8 ±1	210±10	310±10	85±5	150-190	115±5	High Heel (Women)
Polyol 490 Isocyanate 490 Additive 490	8 ±1	250±10	440±10	50±5	210-240	90±4	Athletic Shoes
Polyol 336 Isocyanate 401	9 ±1	120±10	-	-	-	27±3	Insole

► Polyurethane Colors

- Colorama Colors
- Spray Colors
- Deep & Brush Colors
- PVC & ABS Colors



Information of Polyurethane Colors

<i>Type of Color</i>	<i>Ral</i>	<i>Application</i>	<i>Specification</i>
<i>Colorama</i>	All Colors	PU	Low Consumption & Level Shown
<i>Spray</i>	All Colors	PU, PVC, ABS & Thermo	Low Consumption, High Coating & Level Shown
<i>Deep</i>	All Colors	PU, PVC, ABS & Thermo	High Consumption, High Coating & Level Shown (Women)
<i>Brush</i>	All Colors	PU, PVC, ABS & Thermo	Low Consumption, High Coating & Level Shown

► Polyurethane Machines

- Technical Consultation, Trading and Installation of Sandwich Panel Production Continuous line
- Technical Consultation, Trading and Installation of Sandwich Panel Production Discontinuous line
- Technical Consultation, Trading and Installation of Shoe Industry Rotary Machines
- Technical Consultation, Trading and Installation of Polyurethane Injection Machines (High & low Pressure)
- Technical Consultation, Trading and Installation of Polyurethane Spray Machines

► Mold Release Agents

- Solvent- based mold release agents
- Water-base mold release agents
- Shoe and Sole Silicones
- The exclusive distributor of German Acmos company release agents



Information of Release Agents

Release Agent	Solubility	Dilution Ratio	Type of App. Material	Application
1185	Chlorinated Solvent	1/20	Polyester PU	Sole
1186	Chlorinated Solvent	1/20	Polyester PU	Slippers
1194	Chlorinated Solvent	-	Polyester PU	Soles, Shoes & Slippers
1700	Chlorinated Solvent	1/25	Polyester PU	Soles, Shoes & Slippers
1133	Chlorinated Solvent	-	Polyester PU	Slippers
1060	Water	1/100	Polyester PU	Shoes & Slippers
377119	Hexane & Gasoline	1/2	PU Foams	Insole & All Kind of PU Foams
S32	Water	1/1	PU Foams	All Kind of Foams

► Adhesive and Sealant System

- Flooring Adhesive
- Construction and Industry Sealant



Компания Кабудан Шими Зарин

Компания Кабудан Шими Зарин одна из первых компаний в Иране ,которая с 1995 года начала свою производительную деятельность сырьевого материала полиуретановых пен.Эта компания с использованием приборов и оборудования произведенного в Европе и Америке наряду с использованием сырья высокого качества смогла создать систему управления качеством ISO 9001-2008, а так-же предоставить рынку свою продукцию высокого качества.

Лаборатория контроля качества компании Кабудан Шими Зарин ,является одной из самых оснащенных лабораторий анализа и контроля качества сырьевой продукции полиуретановых пен в Иране и на Ближнем Востоке.

Компания является одним из крупнейших производителей в Иране сырьевого материала полиуретановых пен ,которая производит и предлагает свою продукцию для производства автомобильной индустрии ,изоляции,сендвич-панелей , для холодильных и морозильных камер,обуви и подошв,мебели и декорации,клея,герметика .Годовой объем производства этой компании составляет 35000 тонн и за последние годы смогла расширить свою экспортную деятельность в соседние страны и Среднюю Азию (CIS).



► Продукция компании Кабудан Шими:

Система сырьевого материала твердой пены:

- Сырьевой материал пены для сэндвич-панелей (непрерывная и прерывистая)
- Сырьевой материал для холодильных и морозильных камер
- Сырьевой материал для изоляции труб
- Сырьевой материал для изоляции распылителей (спрей)
- Сырьевой материал для пена вуд и твердых пористых материалов

Система сырьевого материала для обуви и подошвы:

- Сырьевой материал пены для мужской обуви
- Сырьевой материал пены для комнатной обуви (тапочек) женских и мужских
- Сырьевой материал пены для защитной обуви
- Сырьевой материал пены для спортивной обуви
- Сырьевой материал пены для горнолазной обуви

Различные виды воска разделяющего пену от литейной формы:

- Различные виды воска сепаратор полумесяцем
- Различные виды воска сепаратор на водной основе
- Различные виды силикона сепаратора обуви и подошвы

Система сырьевого материала полужесткой пены:

- Сырьевой материал пены для противоударного автомобильного оборудования
- Сырьевой материал пены для приборной панели
- Сырьевой материал пены для декоративных деталей автомобилей
- Сырьевой материал пены для интегральной кожи (Integral Skin)

Система сырьевого материала для клея (адгезива) и герметики:

- Сырьевой материал пены клея для напольных покрытий
- Сырьевой материал пены для герметики жилых и промышленных помещений

Разные виды полиуретановых красок:

- Различные виды полиуретановых красок Колорама
- Различные виды полиуретановых красок с распылителем (спреем)

Система сырьевого материала для гибкой пены:

- Сырьевой материал пены для сиденья автомобиля
- Сырьевой материал пены для бытовой и офисной мебели
- Сырьевой материал пены для звукоизоляции

شرکت کبودان شیمی زرین

شرکت کبودان شیمی زرین به عنوان اولین شرکت تولید کننده مواد اولیه فوم های پلی یورتان فعالیت خود را از سال ۱۹۹۴ در ایران آغاز کرده است. این شرکت با بهره گیری از دستگاه ها و تجهیزات تولید اروپایی و آمریکایی در کنار استفاده از مواد اولیه مرغوب و استقرار سیستم مدیریت کیفیت ISO9001 توانسته است محصولات تولیدی خود را با کیفیت بالا و یکنواخت به بازار عرضه نماید. آزمایشگاه کنترل کیفیت شرکت کبودان شیمی یکی از مجهزترین آزمایشگاه های آنالیز و کنترل کیفیت مواد اولیه فوم های پلی یورتان در ایران و خاورمیانه می باشد.

این شرکت بزرگترین تولید کننده مواد اولیه پلی یورتان در ایران می باشد که محصولات خود را برای استفاده در صنایع خودروسازی، عایق کاری، ساندویچ پانل و یخچال فریزر، کفش و زیره، مبلمان و دکوراسیون و چسب و درزگیر تولید و عرضه می کند. این شرکت با ظرفیت تولید سالانه ۳۵۰۰۰ تن، در سال های اخیر فعالیت خود را علاوه بر بازار داخل ایران به صادرات به کشورهای همسایه و آسیای میانه (CIS) نیز گسترش داده است.

◀ محصولات شرکت کبودان شیمی:

سیستم مواد اولیه فوم ریجید:

- مواد اولیه فوم ساندویچ پانل (پیوسته و ناپیوسته)
- مواد اولیه فوم یخچال فریزر
- مواد اولیه فوم عایق لوله ها
- مواد اولیه فوم عایق اسپری
- مواد اولیه فوم چوب و فوم های سخت با دانسته بالا

سیستم مواد اولیه فوم سمی-ریجید:

- مواد اولیه فوم قطعات ضرب گیر خودرو
- مواد اولیه فوم داشبورد
- مواد اولیه فوم قطعات تزئینی خودرو
- مواد اولیه فوم اینتگرال اسکین

سیستم مواد اولیه فوم فلکس:

- مواد اولیه فوم صندلی خودرو
- مواد اولیه فوم مبلمان خانگی و اداری
- مواد اولیه فوم عایق های صوتی

سیستم مواد اولیه فوم چسب و درزگیر

- مواد اولیه فوم چسب های کفپوش
- مواد اولیه فوم درزگیرهای ساختمانی و صنعتی

انواع رنگ های پلی یورتانی

- انواع رنگ های پلی یورتانی کلوراما
- انواع رنگ های پلی یورتانی اسپری

انواع واکس های جداکننده فوم از قالب

- انواع واکس های جداکننده حلالی
- انواع واکس های جداکننده پایه آب
- انواع سیلیکون های جداکننده صنایع کفش و زیره

سیستم مواد اولیه فوم کفش و زیره:

- مواد اولیه فوم کفش مردانه
- مواد اولیه فوم دمپایی مردانه و زنانه
- مواد اولیه فوم کفش ایمنی
- مواد اولیه فوم کفش ورزشی
- مواد اولیه فوم کفش کوهنوردی

Kaboodan Chemie Zarin

Poliüretan endüstrisinin ilk ve lider firmalarından biri olan Kaboodan Chemie, faaliyetine 1995 yılında İran'da başlamıştır. Kaboodan, Avrupa menşeli makine ve ekipmanlar ile donatılmış tesisinde, ISO 9001-2008 kalite yönetim sistemini de uygulayarak en son teknoloji ile ve kaliteden ödün vermeden üretim yapmaktadır.

Tesisimizde bulunan tam donanımlı laboratuvar ve güçlü AR-GE ekibimizle sürekli yeni ürünler geliştirmekte ve müşterilerimizin taleplerini en iyi şekilde karşılamaya çalışmaktayız.

İran'da poliüretan sistemlerin lider tedarikçisi olarak otomotiv, yalıtım, sandviç panel, ayakkabı, buzdolabı, mobilya, dekorasyon, yapıştırıcı sektörleri gibi birçok sektöre hitap eden geniş bir ürün yelpazesine sahibiz. Yıllık yaklaşık 30.000 ton üretim kapasitemiz ile hem iç pazardaki müşteri ihtiyaçlarını karşılamakta, hem de bağımsız devletler topluluğu ülkeleri olmak üzere uluslar arası pazarlardaki satışlarımızı da her geçen gün arttırmaya devam etmekteyiz.

► Ürün Gruplarımız

Rijit Sistemler:

- Sandviç Panel (Sürekli ve süreksiz panel üretimi)
- Soğutucu ve Dondurucu Dolap Üretimleri
- Tank ve Boru İzolasyonu
- Sprey İzolasyon
- Dekorasyon, Yarı Ahşap Görünümlü ve Yüksek Yoğunluklu Köpük

Yarı-Rijit Sistemler:

- Otomotiv- Fitol Yalıtım
- Otomotiv – Filtre Sistemleri
- Otomotoiv- İç Aksam ve Güvenlik Amaçlı Parçaların Üretimi
- İntegral Yüzey Sistemleri

Poliüretan Renkler:

- Colorama Renkler
- Sprey Renkler

Ayakkabı Taban Sistemleri:

- Bay Ayakkabı Taban
- Bay ve Bayan Terlik
- Emniyet Ayakkabıları
- Spor Ayakkabılar ve Dağcılık Ayakkabıları

Yapıştırıcı ve Bant Sistemleri:

- Yüzey Yapıştırıcıları
- Yapı ve Sanayi Tipi Bantlar

Fleksibl Sistemler:

- Otomobil Koltukları
- Mobilya Döşeme
- Ses İzolasyonu

Kalıp Ayırıcı Ajanlar:

- Solvent Bazlı Kalıp Ayırıcı Ajanlar
- Su Bazlı Kalıp Ayırıcı Ajanlar
- Ayakkabı ve Taban Silikonları

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