

KATALOG PRODUK

OTOMOTIF



PRODUCT
CATALOGUE

AUTOMOTIVE

Profil Perusahaan Company Profile

A Growth Partner, A Catalyst for Change, A Provider of Progress

PT Chandra Asri Pacific Tbk (Chandra Asri Group) adalah perusahaan solusi energi, kimia, dan infrastruktur terkemuka di Asia Tenggara. Kami mendukung kebutuhan industri nasional lewat portfolio yang mencakup produk petrokimia dan layanan infrastruktur yang mencakup energi, air, logistik, dan kepelabuhanan & penyimpanan. Dengan semangat kolaborasi dan inovasi berkelanjutan, Chandra Asri Group terus memperkuat perannya sebagai mitra pertumbuhan.

PT Chandra Asri Pacific Tbk (Chandra Asri Group) is a leading energy, chemical, and infrastructure solutions company in South East Asia. We support national industry through our portfolio which covers petrochemical products and infrastructure services ranging from energy, water, logistic, and ports & storage. Driven by a spirit of collaboration and continuous innovation, Chandra Asri Group continues to strengthen its role as a growth partner.



32 Tahun

Pengalaman
years of extensive experience



4,2 Juta+

Ton/tahun kapasitas kimia
million ton/year chemical capacity



120 MWp

/tahun kapasitas energi elektrik
/year electricity capacity



2.000+

Karyawan
Employees

Bisnis kami Our Businesses



Kimia
Chemical



Energi
Energy



Infrastruktur
Infrastructure



Trading
Trading

Nilai-nilai Core Values



Integritas | Integrity

Bersikap transparan serta berperilaku sesuai aturan dan etika.
Act transparently, follow rules and ethics.

Keselamatan | Safety

Membangun lingkungan kerja yang aman, sehat, dan lestari.
Building a safe, healthy, and sustainable working environment.

Kerja sama | Teamwork

Membangun kolaborasi untuk keunggulan bisnis.
Building collaboration for business excellence.

Akuntabilitas | Accountability

Bertanggung jawab atas tugas dan kinerja.
Being responsible for own tasks and performance.

Menghargai | Respect

Menghargai dan peduli terhadap orang lain.
Appreciate and care for others.

Kategori Produk Product Category

Polyolefins

Polyolefins adalah termoplastik yang dibuat dari Ethylene dan Propylene hasil turunan minyak bumi dan gas alam.

Polyolefins are thermoplastics made by polymerizing Ethylene and Propylene, which are derived from oil and natural gas.

Polyethylene (PE)

Linear Low Density Polyethylene (LLDPE)

LLDPE memiliki ketangguhan yang sangat baik, fleksibilitas, dan transparansi yang relatif baik, terutama untuk produk injeksi umum dan film.

LLDPE has excellent toughness, flexibility, and relatively good transparency, mainly for general injection product and film.

High Density Polyethylene (HDPE)

HDPE memiliki kekuatan tarik yang sangat baik. HDPE terutama untuk film, cetakan tiup, injeksi umum, pipa, dan monofilamen.

HDPE has excellent tensile strength. HDPE is mainly for film, blow molding, general injection, pipe, and monofilament.

Polypropylene (PP)

Homopolymer

PP Homopolymer yang hanya terdiri dari Propylene, memiliki sifat kekakuan dan gloss yang tinggi. Aplikasinya bervariasi mulai dari kemasan makanan (kaku dan fleksibel), peralatan rumah tangga, tas anyaman, dll.

PP Homopolymer only consists of Propylene, which has high stiffness and glossiness properties. Its applications vary from food packaging (rigid and flexible), housewares, woven bags, etc.

Impact Copolymer

PP Impact Copolymer terdiri dari Propylene dan Ethylene yang berada dalam fase elastis. Bahan ini dapat menahan beban benturan serta suhu kerapuhan rendah hingga -30°C , dan dapat diaplikasikan menjadi ember plastik, palet, produk elektronik, dan otomotif.

PP Impact Copolymer consists of Propylene and Ethylene as rubbery phase. These materials can withstand impact load and low brittleness temperature (until -30°C), and can be applied as plastic pails, pallets, electronics, and automotive products.

Random Copolymer

PP Random Copolymer terdiri dari Propylene dan sebagian kecil dari komonomer Ethylene. Memiliki kejernihan dan fleksibilitas yang tinggi, terutama untuk produk seperti wadah bening, tutup flip-top, pelapis ekstrusi untuk kemasan plastik, dan jenis kemasan lainnya.

PP Random Copolymer consists of Propylene and a specific portion of Ethylene comonomers. It has high clarity and flexibility, mainly for products such as clear containers, flip-top caps, extrusion coatings for plastic packaging and another type of packaging.



Otomotif Automotive

Melalui lini bisnis kimia, kami berkomitmen untuk menghadirkan solusi biji plastik untuk aplikasi otomotif, memastikan kekuatan, keamanan, dan performa jangka panjang pada berbagai komponen kendaraan.

Industri otomotif membutuhkan material yang meningkatkan daya tahan, efisiensi bahan bakar, serta mendukung desain inovatif.

Dengan berkembangnya kendaraan listrik dan inisiatif keberlanjutan, permintaan akan material yang ringan dan tahan benturan juga terus meningkat.

Chandra Asri Group menyediakan material khusus untuk sektor otomotif, seperti manufaktur kendaraan, mobilitas, dan transportasi. Solusi kami mengoptimalkan keawetan, efisiensi, dan biaya, dengan ketahanan benturan, bobot yang lebih ringan untuk efisiensi bahan bakar, serta daya tahan tinggi terhadap kondisi ekstrem.

Through our chemical business, we commit to deliver plastic pellet solutions for automotive applications, ensuring strength, safety, and long-term performance across a wide range of vehicle components.

Automotive manufacturing requires materials that enhance durability, improve fuel efficiency, and support innovative designs.

With the rise of electric vehicles and sustainability initiatives, the demand for lightweight and impact-resistant materials continues to grow.

Chandra Asri Group provides specialized materials engineered for the automotive sector, such as vehicle manufacturing, mobility, and transportation. Our solutions optimize durability, efficiency, and cost-effectiveness, offering impact resistance, reduced weight for better fuel efficiency, and enhanced durability to withstand extreme conditions.

Kepatuhan pada Standar Nasional dan Internasional

National and International Standard Compliances



FDA Regulation 21 CFR177.1520



Commission Regulation (EU) No. 10/2011



BPOM Regulation No. 20 Year 2019



SNI No. 594:2022 – Polypropylene (PP)
SNI No. 8432:2022 – Impact Copolymer Polypropylene for Automotive Components



Global Automotive Declarable Substance List (GADSL)



ECHA Substance of Very High Concern (SVHC)



TKDN Impact Copolymer Polypropylene 43.08%



Certified by The Halal Product Assurance Organizing Body (BPIPH)



Otomotif Automotive

Daya tahan dan presisi sangat penting dalam industri otomotif. Biji plastik Copolymer polypropylene kami, Trilene® Impact Copolymer Series, menawarkan keseimbangan kekuatan, kekakuan, dan kemudahan proses untuk berbagai komponen otomotif. Dirancang untuk efisiensi dan ketahanan jangka panjang, resin kami mampu menghadapi kondisi berat dalam aplikasi otomotif.

Durability and precision are crucial in the automotive industry. Our polypropylene copolymer pellets, Trilene® Copolymer Series, offers a balance of strength, stiffness, and processability for various automotive components. Designed for efficiency and longevity, our resins withstand harsh conditions in automotive applications.

Grades

Properties	Unit	Trilene® Impact Copolymer			
		BI5.0GA	BI9.0GA	BI9.0BC	BI32AN
Melt Flow Rate (230°C/2.16 kg)	g/10 min	5	9	9	38
Tensile Yield Strength (@50 mm/min)	MPa	26	27	28	29
Tensile Yield Elongation	%	12	12	6	10
Flexural Modulus (@1.3 mm/min)	MPa	1,000	1,100	1,300	1,250
Notched Izod Impact Strength (@23°C)	J/m	450 (crack but no break)	500	100	150
Application		Komponen interior mobil Car interior parts	Komponen motor dan komponen interior mobil Motorcycle parts and car interior parts	Casing baterai Battery case	Komponen motor dan komponen interior mobil Motorcycle parts and car interior parts



Cek website kami untuk Data Sheet lengkap
Check the full Data Sheet on our website



bit.ly/CAPDS

Otomotif Automotive

Interior Pillar

Dashboard

Air Conditioner

Center Control Box

BI5.0GA

- High stiffness
- Good sealing
- Medium flow
- UV stabilized

BI32AN

- Excellent processability with faster cycle time
- High stiffness
- Low warpage
- Excellent impact strength
- Suitable for low temperature storage



Rear Fender



Covers



Battery Casing

BI9.0BC

- High stiffness
- Good sealing
- Medium flow
- UV stabilized

BI9.0GA

- High impact strength and stiffness balance
- Good processability
- Medium flow
- Suitable for low temperature storage



Seat Bottom

Jelajahi Solusi Lainnya dari Chandra Asri Group

Explore Other Solutions by Chandra Asri Group

Infrastruktur

Infrastructure

Otomotif

Automotive



Kemasan Umum

General Packaging

Produk Rumah Tangga

Households Items

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