

DECLARATION OF FOOD-GRADE CONFORMITY

(EU Regulation 10/2011 and equivalent internationally recognized standards)

To whom it may concern,

PT Holland For Water, Indonesia, hereby declares that the materials used in the manufacture of our water purification products—including **Nazava Water Filter, Nazava One, and Nazava Nasafi 10**—comply with internationally recognized standards for food-contact safety.

1. Food-grade and food-contact safe materials

The primary plastic components of Nazava filters are manufactured using **polypropylene random copolymer (PP-R)**, a globally recognized food-safe polymer. According to the Material Safety Data Sheet of PT Chandra Asri Petrochemical (TRILENE RI10HC), the resin:

- Is listed as **polypropylene random copolymer injection grade**, suitable for food-contact applications (MSDS, p. 5).
- Is explicitly stated to be **in compliance with FDA 21 CFR 177.1520** for food-contact materials (page 5) .
- Is certified as meeting **SNI 0594:2011** for polypropylene materials intended for food-safe applications (certificates on pages 3–4) .

These documents demonstrate that the base materials used in Nazava filter casings and components are food-grade and conform to relevant international requirements.

2. Migration and leaching tests (TÜV NORD Indonesia)

Independent laboratory tests were conducted by **TÜV NORD Indonesia** on components of Nazava Water Filters.

The results show that **overall migration levels are far below allowable limits**, including:

- 3% acetic acid: **0.0063 mg/cm²**
- 50% ethanol: **0.0005 mg/cm²**
- 10% ethanol: **0.0004 mg/cm²**

Address

Jl. Soreang - Cipatik (Cisaat), No. 147,
Jelegong, Kutawaringin, Bandung Regency,
West Java 40911
+62 81360862522

- Distilled water: **0.0007 mg/cm²**

These values are **well below the EU Regulation 10/2011 limit** confirming that there is **no hazardous leaching** from the materials when in contact with water or food simulants.

The TÜV NORD report further confirms compliance with additional FDA testing requirements for packaging materials (FDA 21 CFR 176.170).

3. Manufactured by PT Holland For Water

All the above-mentioned water filter products—Nazava Water Filter, Nazava One, and Nazava Nasafi 10—are **designed, assembled, and produced by PT Holland For Water**, Bandung, Indonesia.

Conclusion

Based on the documentation and independent testing attached to this letter, PT Holland For Water confirms that:

1. **All plastic materials used in Nazava water filters are food-grade and safe for prolonged contact with drinking water.**
2. **Leaching and migration values are significantly below the internationally accepted limits**, including those set by **EU Regulation 10/2011, FDA CFR 21, and SNI 8215-2:2017.**
3. **All products are produced by PT Holland For Water, Indonesia.**

We trust this declaration meets your requirements. Please do not hesitate to contact us for any additional information or documentation.

Sincerely,



Guido van Horwegen

President Director

PT Holland For Water
Bandung, Indonesia

Address

Jl. Soreang - Cipatik (Cisaat), No. 147,
Jelegong, Kutawaringin, Bandung Regency,
West Java 40911
+62 81360862522

Testing Report

CERT.2410060348 - dd175336



Sample code
No. Kode Contoh SC.240904631

Customer
Pelanggan PT. Holland For Water
Jl. Soreang - Cipatik (Cisaat), RT 001 RW 002 No. 147, Blok A4, Jelegong,
Kutawaringin, Kabupaten Bandung, Jawa Barat 40911
--
-

Subject
Sample Nazava Water Filter
Merek : Nazava

Sample Description
Keterangan contoh Carton Box

Priority
Prioritas Normal

Received Date
Tanggal Terima September 19, 2024

Finished Date
Tanggal Selesai October 15, 2024

Approved by
Disetujui oleh

Digitally signed by:
Ditandatangani secara digital oleh:

Ricky Prabowo
Technical Manager
Date : October 15, 2024

Page 1 from 2

This test results related to the samples submitted only
To whom it may concern; this Electronic Certificate of Analysis (ECO) is easy to validated, you can scanning the QR-Code using TÜV NORD Indonesia application or general QR Code scanner apps using you're mobile phone scanner apps and it will be directed to the official related E-COA URL's

Laboratorium PT TUV NORD Indonesia

Jl.Science Timur 1 Blok B3-F1
Kawasan industri jababeka V
Kel. Setajaya Kec. Cikarang Timur
Kabupaten Bekasi - Jawa Barat - 17530

Email cslab.id@tuv-nord.com
Phone +62 21 29574720

Testing Report

CERT.2410060348 - dd175336



Sample code
No. Kode Contoh

SC.240904631

PARAMETERS	UNITS	RESULTS	METHOD
Overall Migration Test	mg/cm ²	0.0063	SNI 8215-2 : 2017
Overall Migration Test	mg/cm ²	0.0005	SNI 8215-2 : 2017
Overall Migration Test	mg/cm ²	0.0004	SNI 8215-2 : 2017
Overall Migration Test	mg/cm ²	0.0007	SNI 8215-2 : 2017
Volatile Matter	%	0.00	USP29-NF24 Page 221
Chloroform total Migration of food packaging after contact with n-Heptane	mg/cm ²	0.0173	Food and Drugs Administration FDA 21 CFR ch.1 176.170

- Overall Migration in 3 % acetic Acid = 0.0063 mg/cm²
- Overall Migration in 50% ethanol (Milk Prods) = 0.0005 mg/cm²
- Overall Migration in 10% Ethanol (Alcoholic Foods) = 0.0004 mg/cm²
- Overall Migration Test in Distilled water = 0.0007 mg/cm²

Approved by
Disetujui oleh

Digitally signed by:
Ditandatangani secara
digital oleh:

Ricky Prabowo
Technical Manager
Date : October 15, 2024

Page 2 from 2

This test results related to the samples submitted only
To whom it may concern; this Electronic Certificate of Analysis (ECO) is easy to validated, you can scanning the QR-Code using TÜV NORD Indonesia application or general QR Code scanner apps using you're mobile phone scanner apps and it will be directed to the official related E-COA URL's

Laboratorium PT TUV NORD Indonesia





Jl.Science Timur 1 Blok B3-F1
Kawasan industri jababeka V
Kel. Setajaya Kec. Cikarang Timur
Kabupaten Bekasi - Jawa Barat - 17530

Email cslab.id@tuv-nord.com
Phone +62 21 29574720

MATERIAL SAFETY DATA SHEET

CAP – PP – MSDS – RI10HC

PAGE : 1 / 2

PROTECTIVE CLOTHING (PICTOGRAM)	ACUTE HEALTH	FIRE	REACTIVITY	HAZARD RATING
	 0	 1	 0	LEAST = 0 SLIGHT = 1 MODERATE = 2 HIGH = 3 EXTREME = 4

* FOR ACUTE CHRONIC HEALTH EFFECT REFER TO THE DISCUSSION IN SECTION 3

SECTION 1	: SUBSTANCE IDENTITY & COMPANY CONTACT INFORMATION
PRODUCT/MATERIAL	: POLYPROPYLENE RANDOM COPOLYMER RESIN INJECTION GRADE
PRODUCT GRADE	: TRILENE RI10HC
CHEMICAL MOLECULAR FORMULA	: (C ₃ H ₆) _n
CHEMICAL NAME	: POLYPROPYLENE
CHEMICAL FAMILY	: POLYOLEFIN
MANUFACTURER	: PT. CHANDRA ASRI PETROCHEMICAL TBK (CAP)
ADDRESS	: JL. RAYA ANYER Km.123 - CIWANDAN - CILEGON - BANTEN - INDONESIA, 42447
PHONE	: +62 21 530 7950
FAX	: +62 21 530 8930

SECTION 2	: HAZARDS IDENTIFICATION
HAZARDOUS COMPONENTS	: NONE

SECTION 3	: CHEMICAL COMPOSITIONS & DATA ON COMPONENTS			
NO.	COMPOSITION	GRADE	CAS-NUMBER	PERCENT
P	POLYPROPYLENE RANDOM COPOLYMER	TRILENE RI10HC		100
1	POLYPROPYLENE RANDOM COPOLYMER		69191-21-5	> 99
2	MINOR ADDITIVES			< 1

SECTION 4	: FIRST AID MEASURES
	* THE HEALTH EFFECTS BELOW ARE BASED UPON COMPONENT HEALTH EFFECTS CONSISTENT WITH REQUIREMENT UNDER OSHA HAZARD COMMUNICATION (29 CFR 1910.1200)
EYE CONTACT	: IF MOLTEN MATERIAL CONTACTS THE EYE, FLUSH IMMEDIATELY WITH PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY IF DISCOMFORT PERSISTS.
SKIN CONTACT	: IF MOLTEN MATERIAL CONTACTS THE SKIN, COOL AS QUICKLY AS POSSIBLE. DO NOT ATTEMPT TO PEEL THE MATERIAL FROM SKIN. GET MEDICAL ATTENTION.
INHALATION	: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST
INGESTION	: MATERIAL IS NOT EXPECTED TO BE ABSORBED FROM THE GASTROINTESTINAL TRACT SO THAT INDUCTION OF VOMITTING SHOULD NOT BE NECESSARY
NOTE TO PHYSICIANS	: BURNS SHOULD BE TREATED AS THERMAL BURNS. THE MATERIAL WILL COME OFF AS HEALING OCCURS; THEREFORE, IMMEDIATE REMOVAL FROM THE SKIN IS NOT NECESSARY. THERE IS NO SPECIFIC ANTIDOTE, TREAT SYMPTOMATICALLY.

SECTION 5	: FIRE-FIGHTING MEASURES
FLASH POINT AND METHOD	: NOT APPLICABLE
FLAMMABLE LIMITS / % VOLUME IN AIR	: NOT APPLICABLE
EXTINGUISHING MEDIA	: USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL-TYPE OR UNIVERSAL-TYPE FOAMS APPLIED BY MANUFACTURER'S RECOMMENDED TECHNIQUE
EXTINGUISHING MEDIA	: USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL-TYPE OR UNIVERSAL-TYPE FOAMS APPLIED BY MANUFACTURER'S RECOMMENDED TECHNIQUE
FIRE FIGHTING PROCEDURES AND PRECAUTION	: MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS). INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
UNUSUAL FIRE AND EXPLOSION HAZARDS	: TREAT AS A SOLID THAT CAN BURN. MOLDED PARTS GENERALLY BURN SLOWLY WITH A LOW SMOKE DENSITY AND FLAMING DRIPS. UNDER CERTAIN CONDITIONS CAN BURN WITH A HIGH SMOKE DENSITY .

SECTION 6	: ACCIDENTAL RELEASE MEASURES
SMALL SPILL & LEAK	: PELLETS ON THE FLOOR COULD PRESENT A SERIOUS SLIPPING PROBLEM. EXERCISE GOOD HOUSEKEEPING TO AVOID THIS HAZARD. SWEEP, SHOVEL OR VACUUM MATERIAL INTO CLEAN CONTAINERS.
LARGE SPILL & LEAK	: USE A SHOVEL TO PUT THE MATERIAL INTO A CONVENIENT WASTE DISPOSAL CONTAINER. DO NOT ALLOW ANY POTENTIALLY CONTAMINATED WATER WITH PELLETS TO ENTER ANY WATERWAY, SEWER OR DRAIN.

SECTION 7	: HANDLING & STORAGE
PERSONAL PRECAUTIONARY MEASURES	: AVOID CONTACT WITH MOLTEN MATERIAL
HANDLING	: MAINTAIN GOOD HOUSEKEEPING. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OR ANY IGNITION SOURCE. USE WITH ADEQUATE VENTILATION. AFTER HANDLING, ALWAYS WASH HANDS THOROUGHLY WITH SOAP AND WATER. SPILLED PELLETS MAY CREATE A SLIPPING HAZARD. ELECTROSTATIC CHARGE MAY BUILD UP DURING HANDLING. GROUNDING OF EQUIPMENT IS RECOMMENDED.
STORAGE	: STORE IN A DRY PLACE WITH ADEQUATE VENTILATION AND AWAY FROM DIRECT SUNLIGHT, EXCESSIVE HEAT AND STRONG OXIDIZERS. KEEP PACKAGING (CONTAINER) CLOSED TO PREVENT CONTAMINATION.

SECTION 8	: EXPOSURE CONTROLS & PERSONAL PROTECTION
VENTILATION	: ALTHOUGH GENERAL ROOM VENTILATION SHOULD BE ADEQUATE IN MOST APPLICATIONS, LOCAL EXHAUST VENTILATION IS RECOMMENDED FOR CONTROL OF AIRBORNE DUST, FUMES AND VAPORS, PARTICULARLY IN CONFINED AREAS.
RESPIRATORY PROTECTION	: USE NIOSH APPROVED RESPIRATOR IF UNABLE TO CONTROL AIRBORNE DUST, FUMES AND VAPORS
EYE PROTECTION	: WEAR EYE PROTECTION (SAFETY GLASSES, GOGGLES, FACESHIELDS) WHEN PROCESSING.
SKIN & BODY PROTECTION	: WEAR CHEMICAL-RESISTANT GLOVES, HEAT PROTECTIVE GLOVES AND PROTECTIVE CLOTHING AS WELL AS A FACESHIELD.
OTHER PERSONAL PROTECTION	: USE SAFETY NON-SLIP SHOES IN AREA WHERE SPILLS OR LEAKS OCCUR.

CONTINUED ON NEXT PAGE

CAP – PP – MSDS – R110HC		PRODUCT NAME : POLYPROPYLENE RANDOM COPOLYMER RESIN INJECTION GRADE		PAGE : 2 / 2	
SECTION 9 : PHYSICAL & CHEMICAL PROPERTIES					
BOILING POINT (°C)	MELT FLOW RATE _{230/2.16} (g/10min)	SPECIFIC GRAVITY (H ₂ O=1)	VAPOR PRESSURE (mmHg)		
NOT APPLICABLE	10	<1	NOT APPLICABLE		
MELTING POINT (°C)	DENSITY (g/cm ³)	SOLUBILITY (IN WATER)	VAPOR DENSITY (AIR = 1)		
130-157	0.895	INSOLUBLE	NOT APPLICABLE		
EVAPORATION RATE (N-BUTYL ACETATE = 1)	: NOT APPLICABLE				
APPEARANCE AND ODOR	: 3mm ø SOLID, WHITISH IN COLOR AND ESSENTIALLY ODORLESS PELLET				
FLASH POINT	: NOT APPLICABLE, COMBUSTIBLE SOLID				
SECTION 10 : STABILITY & REACTIVITY					
STABILITY	: STABLE UNDER NORMAL OPERATING CONDITIONS OF STORAGE, HANDLING AND USE.				
HAZARDOUS POLYMERIZATION	: NOT LIKELY TO OCCUR UNDER NORMAL OPERATING CONDITIONS OF STORAGE, HANDLING AND USE.				
CONDITIONS AND MATERIALS TO AVOID	: STRONG OXIDIZING AGENTS.TEMPERATURE OVER 300°C. SPARKS AND OPEN FLAME.				
HAZARDOUS DECOMPOSITION PRODUCTS	: THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. A COMPLEX MIXTURE OF AIRBONE SOLID. LIQUID PARTICULATES AND GASES WILL EVOLVED WHEN THIS MATERIAL UNDERGOES PYROLYSIS OR COMBUSTION. CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.				
SECTION 11 : TOXICOLOGICAL INFORMATION					
MATERIAL IS CONSIDERED ESSENTIALLY INERT, NON-TOXIC AND PRACTICALLY NOT HARMFUL AS WELL AS NOT HAZARDOUS SUBSTANCES UNDER RoHS REGULATION. EXPOSURES TO HIGH LEVELS OF DUST OR HEATED FUMES MAY CAUSE IRRITATION.					
SECTION 12 : ECOLOGICAL INFORMATION					
ECOTOXICITY	: MATERIAL IS NOT EXPECTED TO BE HARMFUL TO AQUATIC ORGANISMS.				
ENVIRONMENTAL FATE	: MATERIAL IS NOT VOLATILE, INSOLUBLE IN WATER, AND RESISTANT TO BIODEGRADATION.				
SECTION 13 : DISPOSAL CONSIDERATIONS					
WASTE DISPOSAL	: PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.				
SECTION 14 : TRANSPORT INFORMATION					
TRANSPORTATION CLASSIFICATION	: NOT CONTROLLED UNDER DOT (UNITED STATES), TDG (CANADA), ADR (EUROPE), IMDG, AND IATA.				
SECTION 15 : REGULATIONS					
THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.					
SECTION 16 : OTHER INFORMATION					
ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:					
ACGIH : AMERICAN CONFERENCE of GOVERNMENTAL INDUSTRIAL HYGIENISTS					
DOT : DEPARTMENT OF TRANSPORTATION					
NIOSH : NATIONAL INSTITUTE for OCCUPATIONAL SAFETY & HEALTH					
OSHA : OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION					
RoHS : RESTRICTION of HAZARDOUS SUBSTANCES					
THE INFORMATION EXPRESSED HEREIN ARE THOSE OF QUALIFIED CURRENT KNOWLEDGE AND EXPERIENCE ANT THAT THE INFORMATION IS SUFFICIENT OF ALL CASES. USERS SHOULD CONSIDER THE DATA AS A SUPPLEMENT TO OTHER INFORMATION AND SHOULD MAKE INDEPENDENT DETERMINATION OF ITS SUITABILITY, THEIR EMPLOYEES AND CUSTOMERS, AND OF THE ENVIRONMENTAL PROTECTION TO ASSURE PROPER USE AND DISPOSAL OF THE MATERIAL. RESPONSIBILITY FOR USAGE, STORAGE, HANDLING AND DISPOSAL OF THE PRODUCTS DESCRIBED HEREIN, WHETHER ALONE, OR IN COMBINATION WITH ANY OTHER SUBSTANCE, IS THAT OF THE PURCHASER AND/OR END-USER. CAP MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULT TO BE OBTAINED FROM THE USE THEREOF. CAP ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.					
FOR ADDITIONAL INFORMATION, PLEASE EMAIL : TSPD@capcx.com				Issued Date: 09/01/2013	



Badan Pengkajian dan Penerapan Teknologi
Balai Teknologi Polimer
Lembaga Sertifikasi Produk

SERTIFIKAT PRODUK

Nomor : 006 05-19

Lembaga Sertifikasi Produk Balai Teknologi Polimer memberikan

Sertifikat Kesesuaian Produk

berdasarkan Sertifikasi Tipe 5, Kepada :

PT CHANDRA ASRI PETROCHEMICAL

Jalan Raya Anyer Km. 123
Ciwandan - Cilegon Banten Indonesia 42447

Produsen Biji Plastik Polipropilena (PP)
Homopolymer, Impact Copolymer & Random Copolymer
(Tipe dan Spesifikasi Teknik lihat halaman lampiran)

Merek : TRILENE

Mutu produk sesuai dengan persyaratan yang
telah ditetapkan dalam SNI 0594:2011

Tanggal diterbitkan : 09 Mei 2019
Berlaku sampai dengan : 08 Mei 2023

Kepala Balai Teknologi Polimer



Jr. F.M. Ernie S.A. Soekotjo, M.Sc.

Sertifikat ini diberikan kepada perusahaan yang memenuhi persyaratan sertifikasi produk serta berlaku selama standar yang bersangkutan tidak berubah dan atau sesuai persyaratan Standar Nasional Indonesia tersebut di atas.

LSPro Sentra Teknologi Polimer

Gedung 460, Kawasan Puspiptek Serpong Tangerang Selatan, Banten 15314
Telp. (021) 7563360 (Hunting) Fax. (021)7560057
Email : lspro@sentrapolimer.id Website : lspro.sentrapolimer.id



**Badan Pengkajian dan Penerapan Teknologi
Balai Teknologi Polimer
Lembaga Sertifikasi Produk**

LAMPIRAN

SERTIFIKAT PRODUK No. 006 05-19

Nama Perusahaan	PT CHANDRA ASRI PETROCHEMICAL
Alamat Perusahaan	Wisma Barito Pacific Tower A, 7 th Floor Jl. Let. Jend. S. Parman Kav. 62-63 Jakarta 11410 Indonesia
Alamat Pabrik	Jalan Raya Anyer Km. 123 Ciwandan - Cilegon Banten 42447 Indonesia
Kategori Produk	Bijih Plastik Polipropilena (PP) : Homopolymer, Impact Copolymer & Random Copolymer
Tipe/Jenis	IPP Film, CPP Film, BOPP Film, Thermoforming, Yarn, Injection & Non-Woven
Merek	TRILENE
Judul & Nomor SNI	Polipropilena SNI 0594:2011
No. Laporan Uji	1516355917

Tangerang Selatan, 09 Mei 2019
Kepala Balai Teknologi Polimer


Ir. F.M. Ernie S.A. Soekotjo, M.Sc.

Sertifikat ini diberikan kepada perusahaan yang memenuhi persyaratan sertifikasi produk serta berlaku selama standar yang bersangkutan tidak berubah dan atau sesuai persyaratan Standar Nasional Indonesia tersebut di atas.

LSPro Sentra Teknologi Polimer

Gedung 460, Kawasan Puspiptek Serpong Tangerang Selatan, Banten 15314
Telp. (021) 7563360 (Hunting) Fax. (021)7560057
Email : lspro@sentrapolimer.id Website : lspro.sentrapolimer.id

RI10HC

Injection Molding

CHARACTERISTICS :

- Excellent Clarity
- Short Cycle Time
- Good Mold Filling
- Compliance with FDA Regulation 21CFR177.1520

APPLICATIONS :

High Clarity Containers, Food Containers, Cassete Cases, Flip-Top and ISBM bottles

Physical Properties	Test Method*	Unit	Value
Melt Flow Rate (230 C / 2.16 kg)	ASTM D 1238	g/10 min	10
Density	ASTM D 792	g/cm ³	0.895
Tensile Strength @Yield @ 50 mm / min	ASTM D 638	MPa	28
Elongation @Yield	ASTM D 638	%	14
Flexural Modulus (1% secant) @ 1.3 mm / min	ASTM D 790A	MPa	1025
Notched Izod Impact Strength @ 23 °C	ASTM D 256	J/m	81
Hardness, Rockwell	ASTM D 785	R Scale	85
Deflection Temperature @ 0.455 MPa (4.64 kg/cm ²)	ASTM D 648	°C	85
Vicat Softening Temperature	ASTM D 1525B	°C	125
Melting Temperature DSC, 10 ^o C/min, 2 nd heat)	ASTM D 3418	°C	146

*) Polypropylene tested per ASTM D 4101

Conversion : 1 MPa = 10.2 kgf/cm²
 1 kJ/m² = 0.01 kgf.cm/mm²

Recommended Processing Conditions :

Injection Temperature 230 - 240 deg. C

Mold Temperature 20 - 40 deg. C

This material complies with recommendations and statutory regulations in the USA, Japan and most European countries regarding packaging materials intended to come in contact with foodstuff.

The nominal properties reported herein are typical on the product of CAP but do not reflect normal testing variance and therefore should not to be construed as specifications.

CAP reserves the right to make any improvement or amendments to the composition of any grade or product without alteration to the product code.

This document reports accurate and reliable information to the best of our knowledge on the products manufactured by CAP. Since CAP can not anticipate or control the conditions under which this information and its product may be used, each user should review the information in the specific context of the intended application. CAP will not be responsible for damages of any nature resulting from the use of or reliance upon the information.

This technical datasheet is effective as from January 2013 and supersedes all previously published data.

PT. Chandra Asri Petrochemical Tbk
 Wisma Barito Pacific Tower A, 7th Floor
 Jl. Let. Jend. S. Parman Kav. 62-63
 Jakarta 11410, Indonesia
 T +6221-530 7950, F +6221-530 8930
www.chandra-asri.com

