

	These specifications/special requirement(s) are applicable specifically to LyondellBasell facilities for loading or unloading an ISO CONTAINER at a LyondellBasell site or a contracted 3PL location as applicable	
ISO CONTAINER SPECIFICATION		
PRODUCT	PROPYLENE GLYCOL USP	PGUSP
Material Characteristic and immediate hazard	See Product SDS	
DOT SPECIFICATION	IM 101, UN T-11, MAX. - 24K LITERS/LITRES , (STAINLESS STEEL ISO CONTAINER). CONTAINER MUST BE DESIGNATED BY LYB AS DEDICATED TO PROPYLENE GLYCOL USP SERVICE. LAST 3 PRIOR CONTAINS MUST BE PRESENTED TO LYB FOR TECH SERVICE APPROVAL PRIOR TO BEING DESIGNATED AS A DEDICATED CONTAINER. NON-DEDICATED WILL REQUIRE LYB WRITTEN PRE-APPROVAL PRIOR TO LOADING, TO TRANSPORT PROPYLENE GLYCOL USP. SPECIAL NOTE : DATA PLATE INFORMATION MUST BE LEGIBLE AND CORRECTLY STAMPED. INSPECTION DOCUMENTATION MUST BE WITH DRIVER AS ADDITIONAL PROOF OF INSPECTION/TEST DATE VERIFICATION, TO HELP PREVENT EQUIPMENT REJECTION.	
INSULATION	PREFERRED, BUT NOT REQUIRED	
HEATING CAPABILITIES	PREFERRED, BUT NOT REQUIRED	
GASKET MATERIAL	WHITE BUTYL RUBBER, WHITE EPDM, VIRGIN TEFLON, TEFLON ENCAPSULATED, **DOME GASKET MUST GIVE A LEAK TIGHT SEAL UPON COMPLETION OF LOADING	
CONNECTIONS/FITTINGS	ALL MUST BE STAINLESS STEEL. SOLID FLANGE OR PLUG MUST BE ATTACHED TO CONTAINER (AS APPLICABLE). MUST BE ABLE TO CAPABLE OF BEING SEALED WITH A 1/8" WIRE CABLE SEAL., DOME LID & VALVE COVER MUST CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL.	
LIQUID CONNECTION	EXPORT SHIPMENT : BLIND FLANGE ON BOTTOM OUTLET IF CONTAINER IS TO BE LOADED ON RAIL OR VESSEL; BOTTOM OUTLET MUST HAVE A SOLID CLOSURE; DUST CAPS NOT ACCEPTABLE. DOMESTIC SHIPMENT : A FLANGED 3" MALE CAMLOCK (QUICK CONNECT) W/DUST CAP - BOTTOM REAR LOADER . BOTH SHIPMENT TYPES MUST BE CAPABLE OF BEING SEALED WITH A 1/8" WIRE CABLE SEAL.	
VAPOR CONNECTION	1 1/2 INCH BALL VALVE WITH BULL PLUG, BULL PLUG MUST BE ATTACHED WITH CHAIN/CABLE AND VALVE MUST BE ABLE TO SEALED W/1/8" WIRE CABLE SEAL. NOTE : PROTECTIVE COVER FOR MAN-LID AND VAPOR CONNECTION MUST ALSO HAVE THE CAPABILITY TO SEALED. THIS APPLIES FOR EXPORT OR DOMESTIC SHIPMENTS	
NITROGEN PADDING	NITROGEN PURGE FOR DRYING & MOISTURE CONTROL. CLEAN ISO CONTAINER MUST HAVE A 5-7 PSIG PAD UPON ARRIVAL AT LOADING FACILITY. RE-LOAD/RESUE CONTAINER MAY RETURN WITH LAST OFF-LOADING PRESSURE OR MINIMUM OF 5-7 PSIG.	
TANK CLEANLINESS	IF CONTAINER IS CLEANED, A CLEANING CERTIFICATE IS REQUIRED. SPECIAL NOTE : CLEANING CERTIFICATE MUST BE AN APPROVED FOOD GRADE/KOSHER CLEANING CERTIFICATE. CONTAINER MUST BE CLEAN, DRY, AND ODOR FREE. NOTE : IF ISO CONTAINER IS RE-LOAD, THE PRIOR LYONDELLBASELL SHIPPING DOCUMENTS ARE REQUIRED AS PROOF THAT THE LAST CONTAINED WAS LYB MATERIAL. THE CONTAINER MUST BE LISTED AS A DEDICATED LYB PGUSP CONTAINER. CUSTOMER PICK-UP CONTAINER : MUST MEET THE SAME REQUIREMENTS AS SHOWN ABOVE IN ADDITION, MUST PROVIDE THE LAST 3 PRIOR CONTAINED, PRIOR MATERIAL MUST BE APPROVED BY LYB TECH SERVICE REPRESENTATIVE PRIOR TO LOADING.	
STRAPPING CHART REQUIRED	YES. NOTE : LEVEL GAUGE/INDICATOR ALSO PREFERRED	
HOSES	HOSE(S) ARE NOT REQUIRED AT LYONDELLBASELL LOADING FACILITIES. NOTE : HOSE(S) ARE NOT TRANSPORTED BY CARRIER FOR EXPORT SHIPMENTS.	
ADDITIONAL APPURTENANCES OR REQUIREMENTS	NONE - NOTE : CARRIER SHOULD ALWAYS NOTE CARRIER'S INSTRUCTION FOR ANY ADDITIONAL EQUIPMENT, DRIVER'S REQUIREMENT, ETC. NOTE : ALL OPENING TO ISO CONTAINER MUST BE CAPABLE OF BEING SEALED WITH 1/8" WIRE CABLE SEAL. NOTE : PRODUCT LABELING IS REQUIRED WITH CONTAINER(DRIVER), UPON ARRIVAL TO LOADING FACILITY. DRIVER MUST ENSURE PRODUCT NAME/LABELING IS APPLIED TO BOTH SIDE OF THE CONTAINER PRIOR TO LEAVING THE LOADING FACILITY. SPECIAL NOTE : CONTAINER MUST BE RE-SEALED IMMEDIATELY AFTER UNLOADING.	
OTHER	MUST HAVE LYB CURRENT AND MATCHING SAP SHIPPING NOTICE, TRANSWIDE CALL-OFF, OR CARRIER MANIFEST DOCUMENT. **DRIVER MUST ARRIVE AT PICKUP POINT AT SCHEDULED TIME. **DRIVER MUST ALWAYS NOTIFY LYONDELL OF ANY REQUESTED LIGHT LOADING, (PRIOR TO LOADING), DUE TO POTENTIAL EXCEEDING LEGAL GROSS WEIGHT. PLEASE CONTACT LYONDELLBASELL LOGISTICS WITH ANY QUESTIONS	
PROHIBITED	PETS ARE PROHIBITED; ADDITIONAL PERSONNEL ONLY IF TEAM DRIVERS. NOTE : PLEASE SEE TAB (#2) FOR SOME ACCEPTABLE PRIORS	

CARRIER MUST READ AND COMPLETELY UNDERSTAND THE BELOW INFORMATION PRIOR TO PREPARING AND SENDING A TRAILER TO LYONDELLBASELL FACILITY TO LOAD PGUSP

IF THE TRAILER IS CLEAN AND NOT IN DEDICATED SERVICE: PLEASE NOTE: ACCEPTABLE LAST 3 PRIOR CARGOES. ALL LAST 3 PRIOR CARGOES MUST BE CHECKED FOR COMPATIBILITY BY LYONDELLBASELL TECHNICAL SERVICE MANAGER UNLESS TRAILER IS IN A LYONDELLBASELL DEDICATED SERVICE.

FOOD OR PHARMA GRADE PRODUCTS (SOME EXAMPLES LISTED BELOW)

PGUSP
GLYCERINE (SYNTHETIC ONLY)
ETHYL ALCOHOL (NOT SDA OR DENATURED)
PHOSPHORIC ACID (FOOD GRADE ONLY)
SUCROSE
FRUIT JUICES OR JUICE CONCENTRATES
HONEY
SORBITOL
MOLASSES
VINEGAR
POTABLE WATER
POLYPROPYLENE GLYCOLS (FOOD GRADE ONLY)

DISCLAIMER: ACCEPTANCE BY LYONDELL OF A PARTICULAR PRIOR CARGO DOES NOT RELIEVE THE CARRIER OF RESPONSIBILITY FOR CONTAMINATION OF THE PRODUCT BY A PRIOR CARGO. THE INTENT OF THE RESTRICTIONS ON PRIOR CARGOES IS TO PREVENT CONTAMINATION OF PGUSP BY ANY MATERIAL WHICH WOULD BE AN OBJECTIONABLE IMPURITY IF PRESENT EVEN IN TRACE AMOUNTS.

NONE ACCEPTABLE LAST PRIOR CARGOES; THESE ARE KNOWN CONTAMINATES OF PGUSP. ALL PRIOR CARGOES MUST BE CHECKED AND APPROVED BY LYONDELLBASELL TECHNICAL SERVICE MANAGER PRIOR TO LOADING.

GASOLINE OR GASOLINE BASED PRODUCTS
OILS OR OIL BASED PRODUCTS
MONOMER OR MONOMER BASED PRODUCTS
AMIMES OR AMIME BASED PRODUCTS