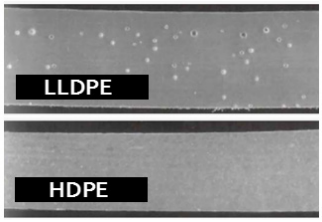
WHY CHOOSE SNYDER

SNYDER INDUSTRIES AT THE FOREFRONT OF INNOVATION

with higher density resin - the next evolution in polyethylene tanks

Polyethylene can be manufactured across a range of densities that are related to the spacing between the polymer chains. Linear resins are offered in Low Density (LDPE), Medium Density (MDPE), Linear Low Density (LLDPE), and High Density (HDPE or HDLPE).

As the resin density increases, so does the tensile strength, impact strength, stiffness, and chemical resistance. Higher density PE resin has a stronger intermolecular force and tensile strength than LDPE, MDPE, and LLDPE. HDLPE's strength comes from its tight molecular structure that makes it very difficult for other molecules to pass through its structure on a microscopic level.



The illustration below shows what molecules of HDPE, LLDPE, and LDPE look like. A very linear PE chain can closely approach other PE chains of similar structure, creating a very densely packed network. This results in a high-density material that is strong and stiff.

High-density polyethylene (HDPE)
(Low degree of short-chain branching)

Linear-low-density polyethylene (LLDPE)
(High degree of short-chain branching)

Low-density polyethylene (LDPE)
(High degree of short-chain branching + long-chain branching)

Snyder's PE945N resin has a base resin density of .945 gm/cc which is the highest density rotationally molded grade polyethylene resin that tanks are being molded with today. This resin allows Snyder tanks to have superior chemical resistance, impact strength and stress crack resistance which translates to better performing tanks for chemical applications. When used and built to ASTM D1998 standards the tanks are the toughest in the industry.

RESIN	RESIN DENSITY	TENSILE STRENGTH	CHEMICAL RESISTANCE	NSF 61 COMPLIANT	RECYCLABLE
HDLPE PE945N	0.945	3500	Excellent*	Yes	Yes
HDLPE HD8660	0.942	3000	Excellent*	Yes	Yes
LLDPE	0.910 - 0.940	2300	Good	Yes	Yes
MDPE	0.926 - 0.940	2500	Good	Yes	Yes
HDXLPE	0.942	2900	Excellent*	No	No

**Excellent when used with appropriate chemicals. Snyder has done independent testing with many chemicals. Consult Snyder's Chemical Resistance Recommendation Chart for resin choice of many chemicals.*

We Want You To Be Our Next Satisfied Customer

Sii SNYDER INDUSTRIES™
THE ENGINEERED DIFFERENCE IN TANKS

NSF Certified to NSF/ANSI 61

ASTM INTERNATIONAL Standards Worldwide

MADE IN USA
QUALITY & SAFETY
Satisfaction Guaranteed

Talk to your Snyder representative to find out more or visit our website at www.snydernet.com to see our broad variety of tanks sizes and designs!

ONE SOURCE DOES IT ALL

Whether you are a manufacturer or distributor, Snyder Industries can help you improve the function, economics and performance of your company's bulk handling systems.

Stationary tanks store from 8 to 20,000 gallons.

BULK STORAGE & PROCESSING TANKS

For larger stationary applications, Snyder offers the industry's broadest range of tanks – from 8 to 20,000 gallons – in shapes that meet your specific needs. To match your special function requirements, we also market a complete line of accessories, such as stands, seismic tie-downs, ladders, fittings, gaskets, sight gauges, heat tracing and insulation.

Double Wall tanks from 35 to 12,500 Gallons

DOUBLE WALL CONTAINMENT TANK SYSTEMS

For outdoor applications or when larger capacity is needed, Snyder offers double wall tank-in-a-tank containment systems in one space-saving unit ranging in size from 35 to 12,500 gallons. The double-wall construction is completely enclosed so that external matter such as rainwater, snow or debris is prevented from collecting in the outer containment.

Containment tank systems from 30-440 Gallons

CHEMICAL FEED STATIONS

Long lasting, corrosion-resistant tank and containment systems that provide the perfect solution for mini-bulk delivery programs. Complete and ready to use Chemical Feed Stations allow you to handle small amounts of liquids and other chemicals in a safer and more efficient manner than drums. The Chemical Feed Stations can be located close to your customer's use point, thereby eliminating the need for them to move and handle heavy drums and tote bins of hazardous materials, while at the same time eliminating the handling costs and inconvenient disposal of drums and one-way tote bins.

Transportation containers hold from 60 to 550 gallons.

UN/DOT-APPROVED IBCs

Snyder intermediate bulk containers (IBCs) are durable, corrosion-resistant and economical. These long-term, reusable containers are ideal for the transportation of both hazardous and non-hazardous liquid materials.

SNYDER INDUSTRIES™

SOLUTIONS IN BULK HANDLING

6940 "O" Street, Suite 100 • Lincoln, Nebraska • 68510 • 402-467-5221 • FAX: 402-465-1220 • www.snydernet.com • email: sales@snydernet.com