



Alro Plastics

Your Source for Engineering Plastics

Sheet • Rod • Tube • Film • Profiles • Machined Parts

Ultra Detectable Plastics

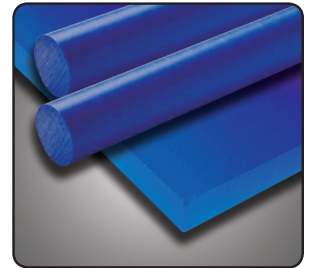
Ensinger's extensive experience with food industry applications has shown us that there are typically three methods of quality control in the plants to keep the food product free from foreign particulates; optical, metal and x-ray detection. Our industry has developed separate solutions in plastics for each of these scanning scenarios. Ensinger's Ultra Detectable family of products offers the ability to address all three methods with one product, while maintaining the physical property and chemical resistance profile inherent to engineering thermoplastics.

- **Blue coloration of the UD family makes materials visible to optical detectors***
- **Special filler technology offers visibility to metal detection systems down to 3mm particle size***
- **Proprietary additives create X-ray opacity down to 2mm particle size***

**Particle size detection may vary depending on line speed, detection settings and food substrate*

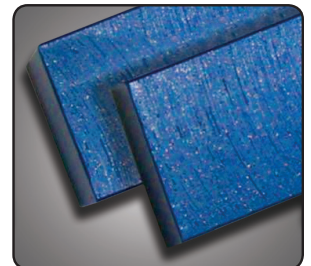
Tecaform® AH UD Blue

This acetal copolymer is porosity free and was the first engineering thermoplastic that was designed to be detected regardless of the scanning method used. Tecaform® AH has been a reliable design material in the food industry for years. Tecaform® AH UD Blue offers that same reliability along with additional assurance of food product safety from inadvertent particulates, all for a very low cost to value ratio.



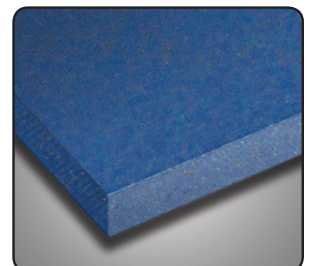
Hydex® 4101 UD Blue

Next in the Ultra Detectable family of products, Hydex® 4101 UD Blue offers all the same advantages of Ultra Detection along with the additional physical property, wear and resistance to cleaning chemicals associated with polyesters. Good resistance to chlorine and caustics.



TecaPEEK® UD Blue

The highest temperature and chemical resistance capability of all the Ultra Detectable products. With a Heat Deflection Temperature over 300°F, and excellent resistance to a wide range of cleaning chemicals, TecaPEEK® UD blue offers engineers piece of mind regardless of the severity of the environment.





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Alro Plastics is an industry leader in supplying engineering plastic shapes and parts. We cut and/or ship the same day your order is placed and provide value added processing to meet the most demanding processing requirements.

PRODUCTS

ABS
 Acetal Copolymer
 Acetron® GP
 Acrylic
 Boltaron®
 Cast Nylon
 Chemgrate®
 Clear PVC
 Composites®
 Corrugated
 CPVC
 Cutting Board
 Delrin®
 Densetec®
 Detectables
 DuraDek®
 DuraGrate®
 DuraGrid®
 DuraTread®
 Duratron®
 Ertalyte®
 Extren®
 Extrusions
 Fiberglass Grating
 Films

Foamlite®
 Fluorosint®
 G10 / FR-4
 GPO-3
 HDPE
 Hydrex® 202/301
 Hydrex® 4101/4101L
 Hydlar® Z
 Industrial Laminates
 Ketron® PEEK
 King ColorCore®
 King Hy-Pact®
 King StarBoard®
 KomaALU®
 KomaTEX®
 Kynar® PVDF
 LDPE
 Life Science Grades
 LubX® C / CV
 Makrolon®
 MC® 901 / 907
 Medical Grades
 Micarta®
 Noryl® PPO
 Nyla-Glide GR™

Nylatron®
 Nyloil®
 Nylon
 Optix®
 Palight®
 Palsun®
 PBT
 PEEK
 PET
 PETG
 Phenolic
 Plexiglas®
 Polycarbonate
 Polyethylene
 Polypropylene
 Polystone®
 Polystyrene
 Polysulfone
 PPS
 Precision Board Plus
 Profiles
 Propylux®
 Proteus® LF PP
 PTFE / TFE
 PVC

PVC Foam Sheet
 PVDF
 Radel®
 Reprocessed UHMW
 Rubber
 SafPlate®
 SafRail™
 Sanalite®
 Semitron®
 Sustarin® C
 Tecaform®
 Tecasint™
 Techtron® PPS
 TIVAR® 1000
 TIVAR® 88
 TIVAR® H.O.T.
 Tooling Board
 Torlon® PAI
 UHMW-PE
 Ultem®
 Urethane
 VHMW-PE
 Vivak®
 WallTuf®
 Zelux®

Many products available in sheet, rod, tube and custom shapes. Please call for inquiry.



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