



Alro Plastics

Your Source for Engineering Plastics

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

Polystone® M XDT

The Industry's First X-Ray Detectable UHMW-PE!

Rochling Plastics Corporation continues to set trends and provide solutions in the food processing and pharmaceutical industries when it comes to product safety and quality assurance - announcing the first X-ray detectable UHMW-PE available in the market.

The need for traceable plastics, especially machined parts for filling, sorting and packaging machinery is critical due to strict FDA regulations regarding foreign materials and contaminants. Since we introduced our line of Metal Detectable engineering plastics (Polystone® M MDT and Sustarin® C MDT) more than two years ago, these unique products continue to be an effective solution for plastic parts used in open product zone applications.

However moving forward, we quickly realized a demand for X-ray detectable plastic parts for today's high speed machinery as processors turn to X-ray inspection equipment especially for post-package inspection.

Working together with one of the world's largest food processors and a leading manufacturer of X-ray inspection systems, our Polystone® M XDT has proved to be detected in a particle size as small as 3mm cube. Running at speeds as fast as 250 feet-per-minute, this product can be detected and automatically sorted to a product hold area for further inspection. It works effectively with various types of packaging including metal cans, plastic and composite containers and glass jars.

Availability

Rods: 1/2" up to 6" diameter

Sheets: 3/8" up to 4" thick

It is the responsibility of the user to test and approve the detection of this product due to variations in x-ray detection systems and required sensitivity settings.



Applications

- Scraper blades
- Filler plates
- Pocket fillers
- Piston fillers
- Mixer Components
- Wear plates
- Volumetric fillers
- Hopper guides
- Baffles
- Pillow blocks
- Cups & Sleeves
- Dividers



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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
 Composolite®
 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
 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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