

Fire Resistant UHMW-PE FRAS Roller



UHMW-PE FRAS ROLLER

- Flammability Anti-static
- Light weight
- Power cost saving
- Protect Belt damage
- Low noise
- Non-adhesive
- Non-corrosive
- High abrasion resistance





POLTEC Ultrol

FRAS UHMW-PE Idler

Fire Resistant & Anti Static

Fire Resistant & Anti Static is a requirement for composite ventilation ducts used in underground mines, specially coal mines. The material must be conductive static as prevent propagation of a flame fire resistant



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New Excellent Product (NEP-MKE-2012-033)

ULTROL UHME-PE FRAS

UHMWPE-FRAS Description

- Halogen Gas Free
- Non Toxin Gas
- No strong smoke emission
- No toxic smoke/gas
- Technical Physical Properties are not Reduced
- Chemical Resistance: Anti Acid, Anti Alkaline

Key Features and Benefits

- High Impact strength
- Light Weight - Easy to handle
- Weather Proof - It doesn't absorb water
- Chemical resistance - Sulphuric acid,
- Abrasion resistance - better than carbon steel for sliding abrasion applications

UHMWPE-FRAS Application

- Underground Mining
- Scraper Blades
- Hopper Liners
- Liner Beds
- Wear Profiles
- Impact Slider Bars
- Chain Guides
- Conveyor Roller Disc & Shell

UHMWPE-FRAS Physical Properties

- Impact Strength: No Break
- Low Weight :
65% compare with Rubber Disk Roller
- Abrasion Resistance :
STEEL 100 : FRAS 40∞60
- Non Caking, Non Coating
- Self Lubrication :
Resistance Factor 0.07[Dry Condition]
- Flammability : UL94 Class V 0
- Electrical Conductivity: Below 300MΩ

