



ENGLISH

## Datasheet

### Polyethylene (PE) Rod

RS Stock number 199-970



Chemical Designation: Polyethylene

DIN Abbreviation: PE – HD

Colour, Filler: Natural or black

TECAFINE PE is a semi-crystalline, thermoplastic engineering material with high toughness and good low temperature properties

#### Main characteristics:

- Tough
- Very low water absorption
- Good sliding properties
- Resistant to dilute acids, cleaning agents, numerous solvents
- Very good electrical insulation
- (See note re black)
- Difficult to bond
- Easily welded
- Lightweight
- Black – UV resistant



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**Preferred fields:**

Mechanical engineering, transport and conveyor technology, electrical engineering, general engineering, household appliances, plant construction, food industry

**Applications:**

- Chemical apparatus
- Plugs
- Seals
- Food processing
- Insulators
- Low load rollers
- Pallets
- Spools