



TYPICAL APPLICATIONS:

Wire Troughs, and other automotive components.

Product Description:

Properties shown below for this filled blend are typical for a medium density polyethylene compound. This product is designed for blow molding and extrusion processes.

Delfingen Product Reference: PE10

Colors available: Natural (M0012), Black (M0013) Gray, Red, White, Yellow.

Features and Options:

- High Impact
- Good Flexibility
- Chemical Resistance
- 85°C continuous rating (3000 hours)
- short term : 115°C - 168 hours

| Physical Properties | Test Methods | Values | Unit |
|---------------------------------------|--------------|--------|-------------------|
| Melt Flow Index (190°C, 2.16 kg) | ASTM D1238 | >0.9 | g/10 min |
| Specific Gravity | ASTM D792 | 0.94 | g/cm ³ |
| Tensile Strength, Yield (50 mm/min) | ASTM D638 | 15 | MPa |
| Tensile Elongation, Break (50 mm/min) | ASTM D638 | >450 | % |
| Flexural Modulus, secant (1.3 mm/min) | ASTM D790 | 350 | MPa |
| Flammability (3mm) | UL94 | HB | - |
| | FMVSS 302 | <102 | mm/min |

This raw material is designed to meet:

- Ford ES-XU5T-14A099-AA RevB - 85°C-
- UTMS 18013
- Yazaki YPES 16-122 - 85°C-
- ESB-M4D152-A and ESB-M4D153-A
- DELPHI M2092 / M3421 / C0836

IMDS report available on demand.

*This material must be compliant with **ELV directive 2000/53/EC and its Annexes**. A maximum concentration value up to 0.1% by weight and per homogeneous material for lead, hexavalent chromium and mercury and up to 0.01% by weight per homogeneous material for cadmium shall be tolerated provided these substances are not intentionally introduced. No intentionally introduced amount is tolerated.*