

Marlex® M358Y3

Medium Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

Marlex® M358Y3 is a medium density polyethylene material. This product is available in North America or Latin America. The processing method is: pipeline extrusion molding or extrusion.

Marlex® The main features of M358Y3 are:

Good UV resistance

good weather resistance

UV stability

Typical application areas include:

outdoor applications

Water pipes/pipes/drinking water

additive/masterbatch

| General Information | |
|---------------------|----------------------------|
| Additive | UV stabilizer |
| Features | Good UV resistance |
| | Good strength |
| | Good weather resistance |
| | Medium density |
| Uses | Piping system |
| | Masterbatch |
| | Outdoor application |
| Appearance | Yellow |
| Forms | Particle |
| Processing Method | Pipeline extrusion molding |
| | Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|----------------------------|---------------|-------------------|-------------|
| Density | | | ASTM D1505 |
| -- ¹ | 0.938 | g/cm ³ | ASTM D1505 |
| -- ² | > 1.00 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) | | | ASTM D1238 |
| 190°C/2.16 kg ³ | 0.25 | g/10 min | ASTM D1238 |
| 190°C/2.16 kg ⁴ | 0.20 | g/10 min | ASTM D1238 |

| Additional Information | |
|--|-------------|
| Add M358Y3 to the base pipe resin at a 49:1 letdown ratio. | |
| NOTE | |
| 1. | Base Resin |
| 2. | Masterbatch |

- | | |
|----|-------------|
| 3. | Masterbatch |
| 4. | Base Resin |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

