

Arak HDPE EX3 (GM5010T2N)

High Density Polyethylene

Shazand (Arak) Petrochemical Corporation

Message:

EX3 (M5010T2N) is high molecular weight, high density polyethylene copolymers, developed as general purpose resin for use in pressure and non-pressure pipes.

A minimum service life of 50 years is achievable under appropriate pressure and temperature conditions. EX3 (GM5010T2N) offer excellent chemical resistance and environmental stress crack resistance.

EX3 (GM5010T2N) is suitable for extrusion into a full range of pipe and fittings sizes, where high density resins are required.

EX3 (GM5010T2N) is suitable for use in transport of a wide range of fluids for industrial, rural and mining applications.

Suitability for use in any application should be determined by appropriate performance testing.

* EX3 (GM5010T2N) is suitable for food contact.

| General Information | | | |
|---|----------------------------------|-------------------|-----------------|
| Features | Copolymer | | |
| | Food Contact Acceptable | | |
| | Good Chemical Resistance | | |
| | High ESCR (Stress Crack Resist.) | | |
| | High Molecular Weight | | |
| Uses | Fittings | | |
| | Piping | | |
| Processing Method | Pipe Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.944 | g/cm ³ | DIN 53479 |
| Melt Mass-Flow Rate (MFR) (190°C/5.0 kg) | 0.50 | g/10 min | DIN 53735 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 22 | kJ/m ² | ISO 179 |
| Additional Information | Nominal Value | Unit | Test Method |
| Resistance to Internal Pressure ¹ (80°C) | < 7.1 | day | DIN 8074 |
| Volatiles | 0.2 | wt% | Internal Method |
| NOTE | | | |
| 1. | 4N/mm ² | | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

