

NEO-ZEX™ 2006H

Linear Low Density Polyethylene
Prime Polymer Co., Ltd.

Message:

NEO-ZEX™ 2006H is a Linear Low Density Polyethylene product. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America. Applications of NEO-ZEX™ 2006H include containers and plumbing/piping/potable water.
Characteristics include:
Clarity
Impact Resistant

| General Information | | | |
|---|------------------------|-------------------|-------------|
| Features | High Clarity | | |
| | High Impact Resistance | | |
| Uses | Containers | | |
| | Food Containers | | |
| | Piping | | |
| Processing Method | Blow Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.920 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.60 | g/10 min | ISO 1133 |
| Environmental Stress-Cracking Resistance | > 1000 | hr | ASTM D1693 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore D) | 51 | | ISO 868 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strain (Break) | 370 | % | ISO 527-2 |
| Flexural Modulus | 200 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Unnotched Impact Strength | No Break | | ISO 179 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 100 | °C | ISO 306 |
| Melting Temperature | 120 | °C | ISO 11357-3 |

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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

