

Kemcor LD 1492

Low Density Polyethylene

Qenos Pty Ltd

Message:

This resin is manufactured to conform to the requirements for unrestricted food contact of AS 2070 Part 1 (1992).

This compound is manufactured to meet the requirements of AS 1463 (1988) Type 30 and may be used to manufacture pipe to meet AS 2698 Part 1.

| General Information | |
|---------------------|---|
| Features | Good Weather Resistance High ESCR (Stress Crack Resist.) |
| Uses | Irrigation Applications Piping |
| Appearance | Black |
| Forms | Pellets |
| Processing Method | Extrusion Pipe Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Density | 0.934 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.20 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 50 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 11.0 | MPa | |
| Break | 18.0 | MPa | |
| Tensile Elongation (Break) | 700 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | |
| Melting Temperature | 122 | °C | |

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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

