

Kemcor MDX 531

Linear Medium Density Polyethylene

Qenos Pty Ltd

Message:

MDX 531 is manufactured using the fluidized bed process.
This resin is manufactured to conform to the requirements for unrestricted food contact of AS 2070 Part 1 (1992).

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| Features | Good Impact Resistance | | |
| | Good Processability | | |
| | Good Toughness | | |
| | High ESCR (Stress Crack Resist.) | | |
| | High Rigidity | | |
| Uses | Automotive Applications | | |
| | Household Goods | | |
| | Toys | | |
| Appearance | Natural Color | | |
| Forms | Pellets | | |
| Processing Method | Dip Coating | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.938 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 60 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 18.0 | MPa | |
| Break | 25.0 | MPa | |
| Tensile Elongation (Break) | 800 | % | ASTM D638 |
| Electrical | Nominal Value | | Test Method |
| Dielectric Constant (1 MHz) | 2.32 | | ASTM D150 |
| Dissipation Factor (1 MHz) | 6.0E-5 | | ASTM D150 |

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