

Kemcor HD 3484

High Density (HMW) Polyethylene
Qenos Pty Ltd

Message:

Cables using HD 3484 and manufactured under sound commercial fabrication conditions meet the following specifications:
REA PE200, Appendix C
ASTM D 1248 III A5, Grade E9
Telecom Australia specifications
AS1049 - 1986, Type 05F

| General Information | | | |
|---|-----------------------------------|-------------------|-------------|
| Features | Good Abrasion Resistance | | |
| | Good Stability | | |
| | High Molecular Weight | | |
| Uses | Insulation | | |
| | Wire & Cable Applications | | |
| Agency Ratings | ASTM D 1248, III, Class A, Cat. 5 | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.957 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.70 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 26.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Electrical | Nominal Value | | Test Method |
| Dielectric Constant (1 MHz) | 2.35 | | ASTM D150 |
| Dissipation Factor (1 MHz) | 4.0E-4 | | ASTM D150 |

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