

Petrothene LS 5060-00: High Density Polyethylene Injection Molding Grade

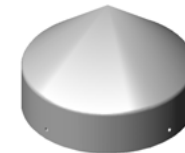
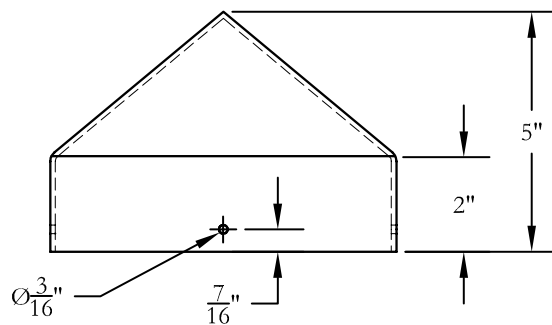
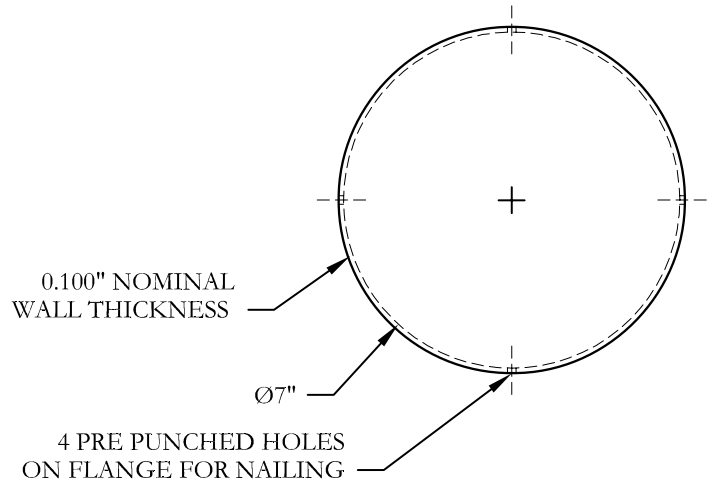
Applications: This resin exhibits excellent stiffness and impact and warp resistance. Typical Applications are pails, containers, and lids.

Certification: This material meets the requirements of the Food and Drug Administration regulation 21CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or compnents of articles intended for use in contact with food." Specific limitations or conditions of use may apply.

Processing Techniques: Specific recommendations for processing LS 5060-00 can only be made when the process conditions, equipment and end use are known.

PHYSICAL PROPERTIES

| PROPERTY | NOM. VALUE | UNITS | ASTM METHOD |
|----------------------|------------|-------------------|-------------|
| DENSITY | 0.948 | g/cm ³ | D1505 |
| MELT INDEX | 8.0 | g/10 min | D1238 |
| TENSILE STRENGTH | 3,800 | psi | D638 |
| ELOGATION | 970 | % | D638 |
| FLEXURAL MODULUS | 145,00 | psi | D790 |
| TENSILE IMPACT | 3,800 | ft.-lb. | D1822 |
| LOW TEMP BRITTLINESS | <-76 | 0 deg. C | D746 |
| VICAT SOFTENING | 123 | 0 deg. C | D1525 |
| HARDNESS, SHORE D | 65 | | D2240 |



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|--------|----------------------------|-----------|---------------|
| TITLE: | PCB-7 PCW-7 7" PILE CAP | SCALE: | 3" = 1'-0" |
| DATE: | 12/11/2006 2:46 PM | DRAWN BY: | DAN OTTO |
| | | APRVD BY: | J. MERIWETHER |