

# Osterlene® PPH-12-.7-NS

Polypropylene Homopolymer  
Osterman & Company

Message:

PPH-12-.7-NS is a polypropylene homopolymer with antistatic and it is nucleated. This material shows good mold release. Typical applications include cosmetic packaging, disposable cutlery, closures and overcaps.

| General Information                       |                      |          |             |
|---|----------------------|----------|-------------|
| Additive                                  | Antistatic           |          |             |
|   | Nucleating Agent     |          |             |
| Features                                  | Antistatic           |          |             |
|   | Disposable           |          |             |
|   | Good Mold Release    |          |             |
|   | Homopolymer          |          |             |
|   | Nucleated            |          |             |
| Uses                                      | Closures             |          |             |
|   | Cosmetic Packaging   |          |             |
|   | Disposable Tableware |          |             |
| Forms                                     | Pellets              |          |             |
| Physical                                  | Nominal Value        | Unit     | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 12                   | g/10 min | ASTM D1238  |
| Hardness                                  | Nominal Value        | Unit     | Test Method |
| Rockwell Hardness (R-Scale)               | 106                  |          | ASTM D785   |
| Mechanical                                | Nominal Value        | Unit     | Test Method |
| Tensile Strength (Yield)                  | 38.6                 | MPa      | ASTM D638   |
| Tensile Elongation (Yield)                | 8.0                  | %        | ASTM D638   |
| Flexural Modulus                          | 1650                 | MPa      | ASTM D790   |
| Impact                                    | Nominal Value        | Unit     | Test Method |
| Notched Izod Impact (23°C)                | 37                   | J/m      | ASTM D256   |

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