

# Cheng Yu PE221

Low Density Polyethylene

Cheng Yu Plastic Company Limited

## Message:

Cheng Yu PE221 is a Low Density Polyethylene product. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Flame Retardant

| General Information                                      |                 |                   |             |
|--|-----------------|-------------------|-------------|
| UL YellowCard  | E159271-224215  |                   |             |
| Features   | Flame Retardant |                   |             |
| Forms  | Pellets         |                   |             |
| Physical   | Nominal Value   | Unit              | Test Method |
| Specific Gravity   | 0.798           | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow                                 | 1.5 to 2.0      | %                 | ASTM D955   |
| Hardness   | Nominal Value   | Unit              | Test Method |
| Rockwell Hardness (M-Scale)                              | 93              |                   | ASTM D785   |
| Mechanical   | Nominal Value   | Unit              | Test Method |
| Tensile Strength   | 34.3            | MPa               | ASTM D638   |
| Flexural Strength  | 39.2            | MPa               | ASTM D790   |
| Impact   | Nominal Value   | Unit              | Test Method |
| Notched Izod Impact (23°C)                               | 28              | J/m               | ASTM D256   |
| Thermal  | Nominal Value   | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 95.0            | °C                | ASTM D648   |
| Flammability   | Nominal Value   | Unit              | Test Method |
| Flame Rating   | V-2             |                   | UL 94       |

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## Recommended distributors for this material

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