(+) 188 1699 6168 hongrunplastics.com



Moplen HP400K

Polypropylene, Homopolymer

Product Description

Moplen HP400K is a general purpose homopolymer, can be processed by extrusion processes and injection moulding process. Typical applications include slit tapes, straws, housewares and funitures

Product Characteristics

Test Method used ASTM

Processing Methods Injection Molding, Tapes & Raffia

Features Good Chemical Resistance, General Purpose, Homopolymer, Low Odor Transfer, Low to No Odor,

Good Processability, Good Strength, Low Taste Transfer

Typical Customer Applications Filament Yarn, Furniture, Housewares,

Raffia/Tapes/Strapping

| Typical Properties | Method | Value | Unit |
|---|-------------|-------|----------|
| Physical | | | |
| Density -Specific Gravity | ASTM D 792 | 0.90 | g/cm³ |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 4 | g/10 min |
| Mechanical | | | |
| Flexural Modulus | ASTM D 790 | 1400 | MPa |
| Tensile Strength @ Yield | ASTM D 638 | 33 | MPa |
| Tensile Elongation @ Yield | ASTM D 638 | 11 | % |
| Impact | | | |
| Notched Izod Impact (23 °C) | ASTM D 256 | 32 | J/m |
| Thermal | | | |
| Heat deflection temperature at 0.46 N/mm2 | ASTM D 648 | 93 | °C |
| | | | |