



## Moplen PM784W-H

### Polypropylene, Impact Copolymer

#### Product Description

Moplen PM784W-H is an medium flow Impact Copolymer, with good impact / stiffness balance. It has good weatherability. Typical applications include moulding of electrical appliances, furnitures and housewares.

#### Product Characteristics

|                                      |                                                                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                                                                          |
| <b>Test Method used</b>              | ASTM                                                                                                                        |
| <b>Availability</b>                  | Asia-Pacific, Australia/NZ, Africa-Middle East                                                                              |
| <b>Processing Method</b>             | Injection Molding                                                                                                           |
| <b>Features</b>                      | Antistatic, Impact Copolymer, Good Dimensional Stability, Good Impact Resistance , Good Stiffness , Good Weather Resistance |
| <b>Typical Customer Applications</b> | Cooling, Furniture, Housewares, Dishwashing, Washing, Opaque Containers                                                     |

| Typical Properties                        | Method      | Value Unit             |
|-------------------------------------------|-------------|------------------------|
| <b>Physical</b>                           |             |                        |
| Density -Specific Gravity                 | ASTM D 792  | 0.90 g/cm <sup>3</sup> |
| Melt flow rate (230°C/2.16kg)             | ASTM D 1238 | 12 g/10 min            |
| <b>Mechanical</b>                         |             |                        |
| Tensile Strength @ Yield                  | ASTM D 638  | 26 MPa                 |
| Flexural Modulus                          | ASTM D 790  | 1500 MPa               |
| Tensile Elongation @ Yld                  | ASTM D 638  | 4.5 %                  |
| <b>Impact</b>                             |             |                        |
| Notched izod impact (23 °C)               | ASTM D 256  | 90 J/m                 |
| <b>Thermal</b>                            |             |                        |
| Heat deflection temperature at 0.46 N/mm2 | ASTM D 648  | 112 °C                 |

#### Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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