



## Hostacom EKP 787L

### Compounded Polyolefin

#### Product Description

Hostacom Hostacom EKP 787L medium high melt flow, 2,400 MPa flexural modulus, 40% calcium carbonate-filled polypropylene copolymer has a very good balance of properties and processability. It was designed primarily for appliance applications that require good chemical resistance.

#### Product Characteristics

|                               |                                                                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Status                        | Commercial: Restricted                                                                                                                    |
| Test Method used              | ISO                                                                                                                                       |
| Availability                  | North America                                                                                                                             |
| Processing Methods            | Injection Molding                                                                                                                         |
| Features                      | Pleasing Surface Appearance, Good Chemical Resistance, Good Color Stability, Good Impact Resistance , Good Processability, High Stiffness |
| Typical Customer Applications | Appliances                                                                                                                                |

| Typical Properties                                  | Method        | Value | Unit              |
|-----------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                     |               |       |                   |
| Melt Flow Rate (230°C/2.16kg)                       | ASTM D 1238   | 12    | g/10 min          |
| Density (Method A)                                  | ISO 1183      | 1.23  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                                   |               |       |                   |
| Tensile Stress at Yield (23 °C)                     | ISO 527-1, -2 | 17    | MPa               |
| Tensile Strain at Yield (23 °C)                     | ISO 527-1, -2 | 3     | %                 |
| Flexural modulus (23 °C)                            | ISO 178       | 2400  | MPa               |
| <b>Impact</b>                                       |               |       |                   |
| Notched izod impact strength (23 °C)                | ISO 180       | 12    | kJ/m <sup>2</sup> |
| <b>Thermal</b>                                      |               |       |                   |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 103   | °C                |

#### Additional Properties

Gardner Falling Dart Impact (GFDI) at 23°C = 22 J.

#### Notes

Typical properties; not to be construed as specifications.