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## Technical Data Sheet

### *Polyfort* PPH MT25 H - 3120 BLKBLK



Polypropylene, Homopolymer

#### Product Description

PPH MT25 H-3120 is a 25% Talc-Filled Polypropylene Homopolymer

|                      |                   |
|----------------------|-------------------|
| Processing Method    | Injection Molding |
| Appearance           | Colors Available  |
| Filler/Reinforcement | Talc, 25%         |

| Typical Properties               | Nominal Value | Units             | Test Method |
|----------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                  |               |                   |             |
| Melt Flow Rate, (230 °C/2.16 kg) | 4.5           | g/10 min          | ASTM D1238  |
| Density - Specific Gravity       | 1.09          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                |               |                   |             |
| Tensile Strength                 | 34.8          | MPa               | ASTM D638   |
| Flexural Modulus, (Tangent)      | 2890          | MPa               | ASTM D790   |
| <b>Impact</b>                    |               |                   |             |
| Unnotched Izod Impact            | 460           | J/m               | ASTM D4812  |

| Injection Parameters   | Nominal Value | Units |
|------------------------|---------------|-------|
| Drying Time            | 2.0 to 3.0    | hr    |
| Drying Temperature     | 80            | °C    |
| Processing (Melt) Temp | 220 to 260    | °C    |
| Injection Rate         | Moderate-Fast |       |
| Mold Temperature       | 30 to 60      | °C    |