

**PRODUCT DATA SHEET - PROVISIONAL****Apigo DP2476**


TPO COMPOUND

**Transformation technology:**

Injection Moulding

**Pre-drying:**

Pre-drying is not required

**Recycling:**

Regrinded material can be easily mixed with virgin product.

Recycling is not allowed for critical applications

| Properties                            | Method                   | Unit              | Result |
|---------------------------------------|--------------------------|-------------------|--------|
| Density                               | ASTM D 792               | g/cm <sup>3</sup> | 0,89   |
| Hardness 3"                           | ASTM D 2240              | Shore D           | 45     |
| Tear Strength (without notch)         | ASTM D 624               | KN/m              | 83     |
| Tensile Strength                      | ASTM D 638               | MPa               | 12,5   |
| Elongation at break (mould direction) | ASTM D 638               | %                 | 620    |
| MFI (230 °C, 21.18 N)                 | ASTM D 1238              | g/10 min          | 7,0    |
| Flexural modulus                      | ASTM D 790<br>PROCOP 08L | MPa               | 300    |

**Revision date:** 18/07/11**Processing**

Optimum processing conditions depend on such features as machine size, screw design, mould design and material residence time.

**Injection Moulding****Typical conditions are:**

Injection pressure: Medium

Back pressure: Medium - Low

Injection speed: Medium - Low

**Temperature settings (°C):**

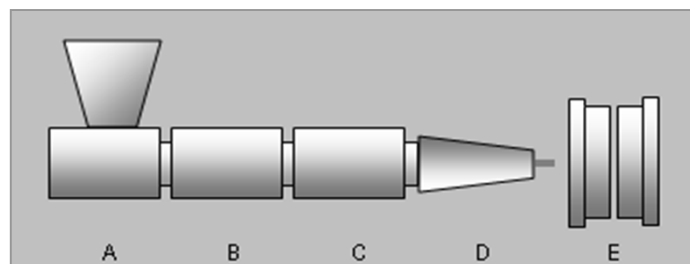
Zone A 220 ÷ 230

Zone B 230 ÷ 240

Zone C 235 ÷ 240

Zone D 240 ÷ 250

Zone E 30 ÷ 45



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