

APARPRENE TPE 065 AN

Technical Data Sheet

| FEATURES | | | PROCESS | COMPATIBILITY |
|----------------------------|-----------|---------------------------|---------------------|----------------|
| UV Stabilized | High flow | Color: Natural /Colorable | Injection/Extrusion | PP |
| PROPERTIES | | UNITS | STANDARDS | AVERAGE VALUES |
| Hardness Shore A | | Nos. | ASTMD 2240 | 65 ± 5 |
| Density | | g/cc | ISO 1183 | 1.080 |
| Tensile strength at break | | N/mm ² | ISO 37 | 7.0 |
| Elongation at break | | % | ISO 37 | 700 |
| Tear strength | | kN/m | ISO 34 | 32 |
| Modulus at 100% Elongation | | N/mm ² | ISO 37 | 1.92 |

GUIDELINES FOR INJECTION MOULDING

| | | |
|------------------------|------------|--|
| Drying | | Recommended for drying at 70 to 80 ° C for one hour for better results |
| Barrel temperature °C | Feed Zone | 150 +/- 10 |
| | Transition | 170 +/- 10 |
| | Front | 180 +/- 10 |
| | Nozzle | 190 +/- 10 |
| Melt temperature °C | | 190 +/- 10 |
| Back Pressure (bar) | | 10 +/- 5 |
| Injection Speed (mm/s) | | 70 +/- 10 % max |
| Holding Pressure (bar) | | 30 +/- 10 % of Max injection Pressure |
| Mold Temperature °C | | 40 +/- 20 |
| Hot runner °C | | 190 +/- 10 |

GUIDELINES FOR EXTRUSION

| | | |
|-----------------------|---------------|--|
| Drying | | Recommended for drying at 70 to 80 ° C for one hour for better results |
| Barrel temperature °C | Feed Zone | 150 +/- 10 |
| | Zone 1 | 170 +/- 10 |
| | Zone 2 | 180 +/- 10 |
| | Adaptator/Die | 190 +/- 10 |
| Melt temperature °C | | 190 +/- 10 |

HEALTH AND ENVIRONMENTAL INFORMATION/HANDLING PRECAUTIONS

Please refer to material safety data sheets (MSDS) and contact the sales representative or Distributor of Apar Industries Ltd

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