

Multi-Pro® 0405 KU

Polypropylene
Multibase, A Dow Corning Company

Message:

Multi-Pro® 0405 KU is a Polypropylene product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.
Characteristics include:
Good Processability
Impact Resistant

| General Information | | | |
|--|-----------------------------------|-------------------|-------------|
| Features | Good Processability | | |
| | Low Temperature Impact Resistance | | |
| Uses | Automotive Applications | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.926 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 10 sec) | 60 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 22.9 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 860 | % | ASTM D638 |
| Flexural Modulus | 1020 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 85 | J/m | ASTM D256 |
| Gardner Impact | 20.1 | J | ASTM D5420 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 35.0 | °C | ASTM D648 |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 65.6 | °C | |
| Drying Time | 1.0 to 2.0 | hr | |
| Rear Temperature | 188 | °C | |
| Middle Temperature | 202 | °C | |
| Front Temperature | 216 | °C | |
| Nozzle Temperature | 216 | °C | |
| Processing (Melt) Temp | 216 | °C | |
| Mold Temperature | 26.7 to 48.9 | °C | |
| Injection Rate | Moderate-Fast | | |

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