

Technical Data Sheet

Percom A0905 WHI 2644/1 1.0364



Polypropylene Copolymer

Product Description

Percom PP A0905 WHITE 2644/1 1.0364 is a Polypropylene Copolymer Chalk, 20% filled material and is typically used in Injection Molding applications. Features include: Copolymer.

| | |
|-----------------------------|-------------------------|
| Processing Method | Injection Molding |
| Attribute | Copolymer |
| Application | Automotive Applications |
| Filler/Reinforcement | Chalk, 20% |

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------|-------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 13 | g/10 min | ISO 1133 |
| Density | 1.04 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Tensile Stress at Yield | 27 | MPa | ISO 527-2 |
| Tensile Strain at Break | 200 | % | ISO 527-2 |
| Flexural Modulus | 1750 | MPa | ISO 178 |
| Tensile Stress at Break | 20 | MPa | ISO 527-2 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C, Type 1, Notch A) | 7.0 | kJ/m ² | ISO 180 |
| Hardness | | | |
| Shore Hardness, (Shore D) | 68 | | ISO 868 |
| Thermal | | | |
| Vicat Softening Temperature, (A (10N), 50 °C/h) | 147 | °C | ISO 306 |
| Flammable | | | |
| Burning Rate | | | |
| (2.00 mm) | <100 | mm/min | ISO 3795 |
| (2.00 mm) | <100 | mm/min | FMVSS 302 |

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