

## Barlog Plastics KEBAFORM C 902 FA POM Copolymer unreinforced, reduced formaldehyde emission, UV-stabilized

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

### Material Notes:

POM Information provided by BARLOG plastics GmbH.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Barlog-Plastics-KEBAFORM-C-902-FA-POM-Copolymer-unreinforced-reduced-formaldehyde-emission-UV-stabilized.php](http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFORM-C-902-FA-POM-Copolymer-unreinforced-reduced-formaldehyde-emission-UV-stabilized.php)

| Physical Properties                | Metric                                               | English                                              | Comments               |
|------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------|
| Density                            | 1.41 g/cc                                            | 0.0509 lb/in <sup>3</sup>                            | ISO 1183               |
| Moisture Absorption at Equilibrium | 0.22 %                                               | 0.22 %                                               | similar to ISO 62 test |
| Linear Mold Shrinkage, Flow        | 0.020 cm/cm                                          | 0.020 in/in                                          | ISO 294-4              |
| Linear Mold Shrinkage, Transverse  | 0.020 cm/cm                                          | 0.020 in/in                                          | ISO 294-4              |
| Melt Flow                          | 9.0 g/10 min<br>@Load 2.16 kg,<br>Temperature 190 °C | 9.0 g/10 min<br>@Load 4.76 lb,<br>Temperature 374 °F | ISO 1133               |

| Mechanical Properties   | Metric                  | English                    | Comments    |
|-------------------------|-------------------------|----------------------------|-------------|
| Tensile Strength, Yield | 65.0 MPa                | 9430 psi                   | ISO 527-1   |
| Elongation at Yield     | 9.0 %                   | 9.0 %                      | ISO 527-1   |
| Tensile Modulus         | 2.70 GPa                | 392 ksi                    | ISO 527-1   |
| Charpy Impact Unnotched | NB                      | NB                         | ISO 179-1eU |
| Charpy Impact, Notched  | 0.700 J/cm <sup>2</sup> | 3.33 ft-lb/in <sup>2</sup> | ISO 179-1eA |

| Thermal Properties                          | Metric      | English        | Comments                 |
|---------------------------------------------|-------------|----------------|--------------------------|
| CTE, linear, Parallel to Flow               | 120 µm/m-°C | 66.7 µin/in-°F | ISO 11359-1/-2           |
| CTE, linear, Transverse to Flow             | 120 µm/m-°C | 66.7 µin/in-°F | ISO 11359-1/-2           |
| Melting Point                               | 166 °C      | 331 °F         | 10°C/min; ISO 11357-1/-3 |
| Deflection Temperature at 0.46 MPa (66 psi) | 160 °C      | 320 °F         | ISO 75-1/-2              |
| Deflection Temperature at 1.8 MPa (264 psi) | 110 °C      | 230 °F         | ISO 75-1/-2              |
| Flammability, UL94                          | HB          | HB             | IEC 60695-11-10          |

| Electrical Properties | Metric          | English         | Comments  |
|-----------------------|-----------------|-----------------|-----------|
| Volume Resistivity    | 1.00e+16 ohm-cm | 1.00e+16 ohm-cm | IEC 60093 |
| Surface Resistance    | 1.00e+16 ohm    | 1.00e+16 ohm    | IEC 60093 |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Resin Type             | POM   |          |

**Contact Songhan Plastic Technology Co.,Ltd.**

Website : [www.lookpolymers.com](http://www.lookpolymers.com)  
Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)  
Tel : +86 021-51131842  
Mobile : +86 13061808058  
Skype : lookpolymers  
Address : United North Road 215,Fengxian District, Shanghai City,China