

# PTS POM-90

Acetal (POM) Copolymer

Polymer Technology and Services, LLC

## Message:

PTS POM-90 is an Acetal (POM) Copolymer product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

| General Information                               |               |                   |                 |
|---------------------------------------------------|---------------|-------------------|-----------------|
| Forms                                             | Pellets       |                   |                 |
| Physical                                          | Nominal Value | Unit              | Test Method     |
| Density                                           | 1.41          | g/cm <sup>3</sup> | ISO 1183        |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)         | 9.0           | g/10 min          | ISO 1133        |
| Molding Shrinkage - Flow                          | 1.8 to 2.2    | %                 | Internal Method |
| Hardness                                          | Nominal Value | Unit              | Test Method     |
| Rockwell Hardness (M-Scale)                       | 80            |                   | ISO 2039-2      |
| Mechanical                                        | Nominal Value | Unit              | Test Method     |
| Tensile Modulus                                   | 2450          | MPa               | ISO 527-2       |
| Tensile Stress (Break)                            | 62.0          | MPa               | ISO 527-2       |
| Tensile Strain (Break)                            | 42            | %                 | ISO 527-2       |
| Flexural Modulus                                  | 2300          | MPa               | ISO 178         |
| Flexural Stress                                   | 87.0          | MPa               | ISO 178         |
| Impact                                            | Nominal Value | Unit              | Test Method     |
| Notched Izod Impact Strength (23°C)               | 6.0           | kJ/m <sup>2</sup> | ISO 180/1A      |
| Thermal                                           | Nominal Value | Unit              | Test Method     |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 95.0          | °C                | ISO 75-2/A      |
| Melting Temperature (DSC)                         | 165           | °C                | ISO 3146        |
| CLTE - Flow                                       | 1.2E-4        | cm/cm/°C          | ISO 11359-2     |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT