

## **FORMPOLY POMST15** **(UNFILLED ELASTROMER MODIFIED POM)**

### **GENERAL**

**FPL** offers a range of Polyoxymethylene grades from unfilled, impact modified including **FORMPOLY POMST15**, which is heat stabilized, lubricated unfilled POM with excellent mechanical / thermal properties and reduced shrinkage.

### **FORMPOLY POMST15**

Smooth surface finish  
Moderate flow and fast solidification  
High heat resistance.  
Warpage free molding  
Easy processability  
UV Stability  
Excellent dimensional stability

### **PRE-DRYING**

**FPL** grades can normally be taken for direct processing. However, in case the material is exposed to atmosphere, it is advisable to pre-dry the material at 100°C for 2 to 3 hours for good surface finish.

### **PACKING**

**FORMPOLY POMST15** is supplied in 25 Kgs. dry, ready to mould, in sealed bags to prevent the uptake of moisture.

### **APPLICATION**

Spool gears  
Bushes  
Cams, Rollers  
Clips  
Snap and Fastening parts.

Property	Method	Unit	Value
Tensile Stress	ISO 527	MPa.	45
Elongation at Break	ISO 527	%	15
Impact Strength Notched	ISO 179	Kg Cm/ Cm	15
Heat Deflection Temp - at 1.8 Kg / Cm <sup>2</sup> load	ISO 75	°C	80
Specific Gravity	ISO 1183	-	1.35
Water absorption	ISO 62	%	0.8
Melt Flow Index	ISO 1133	Grams/10 Min	6
Dielectric Constant	IEC 60250	1MHz	4.2

Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen  
Coloured grades would record slightly lower mechanical properties as permitted by ASTM D-4066

The information present here is for general guidance. It is given in good faith but no warrant is attached

## **FORMULATED POLYMERS LIMITED**

### **Manufacturers of Engineering Plastics Compounds**

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