A Company Of OSA GROUP

ALL AROUND POLYMER

ISO 9001:2015



Automotive

Electrical

Transportation

WHERE POLYMER MEETS POSSIBILITY

OSATAL™

Polyacetal Compounds





Consumer Goods

Healthcare

Industrial Machinery

Fluid Handling Systems



A Low-Friction Compound Made with Polyoxymethylene

OSATAL is a specialised compound meticulously crafted from Polyoxymethylene (POM) resin. Blended with Glass Fiber and various additives, it achieves high mechanical strength, rigidity, excellent sliding properties, wear resistance, and low moisture absorption. Ideal for sliding applications like bearing bushes, rollers, and slide rails, as well as electrically insulating parts and components in contact with water, OSATAL is a versatile solution for applications demanding resilience and precision.

GENERAL ADVANTAGES

Low Friction and Wear-Resistant

Increased Chemical Resistance

AAPL Grade Name	Product Family	F/UF (UF-Unfilled, GF-Glass Filled, MR-Mineral Filled, TA-Talc Filled)	Special Characteristics	Features [↑- Excellent, ↔- Good, ↓- Medium / Not Recommended]											
				Physical			Processing		Mechanicals			Resistivity		
				Surface Finish /Appearance	Dimensional Stability	Low Warpage	Melt/Flow Characteristics	Mold Release	Stiffness and Rigidity	Impact Strength	Low Temperature Ductility	Heat Resistance	Chemical Resistance	Abrasion Resistance
OSATAL 4000 HI UV	POM	UF	Unfilled- Lubricated, UV Treated	↑	↑	↔	↔	↔	↔	↑	↓	↑	↑	↑
OSATAL 4004 GF	POM	20% GF	Impact Modified	↔	↑	↑	↔	↔	↔	↑	↑	↑	↔	↑
OSATAL 4005 GF	POM	25% GF	Glass Filled Impact Modified	↔	↔	↔	↑	↑	↔	↔	↑	↔	↔	↔
OSATAL 4006 GF	POM	30% GF	Glass Filled Impact Modified	↔	↔	↔	↑	↔	↑	↔	↑	↔	↔	↑

Note: Available with FR, UV, GF, or any other specified properties based on your requirements.



For more information, please contact us at info@aapi.co.in or visit our website: www.aapi.co.in

linkedin.com/company/all-around-polymer-llp/