A Company Of OSA GROUP

ALL AROUND POLYMER

ISO 9001:2015



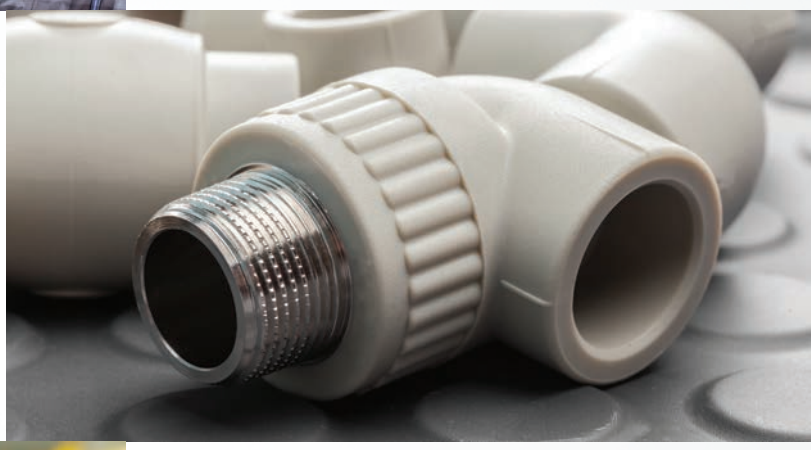
Electronics

Aviation

WHERE VERSATILITY MEETS UNEQUALLED STRENGTH

OSABATE™

PBT Thermoplastic Compounds





Medical

Automotive

Consumer Goods

Industrial Applications



A Powerful Polymer Compound Made from Polybutylene Terephthalate (PBT)

Crafted from Polybutylene Terephthalate (PBT), OSABATE stands out with its high strength, rigidity, and resistance to thermal deformation. This semi-crystalline thermoplastic, belonging to the polyester family, exhibits excellent dimensional stability and improved impact strength, especially at low temperatures. With the option for additive enhancement to address flammability concerns, OSABATE finds its application in various industries where robust and stable materials are essential.

GENERAL ADVANTAGES



High Strength and Rigidity



Excellent Dimensional Stability

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
OSABATE 5000	PBT	UF	Anti Static Properties	↑	↑	↔	↔	↑	↔	↔	↓	↑	↑	↑
OSABATE 503 GF	PBT	15% GF	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↓	↑	↑	↑
OSABATE 504 GF	PBT	20% GF	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↓	↑	↑	↑
OSABATE 506 GF	PBT	30% GF	Glass Fiber Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑
OSABATE 506 GF15 MR15	PBT	15% GF + 15 MR	Combination of Glass & Mineral Reinforced	↔	↑	↔	↔	↔	↔	↔	↔	↑	↑	↑

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/