A Company Of OSA GROUP

ALL AROUND POLYMER

ISO 9001:2015



Home Appliances

Consumer Electronics

UNRIVALLED STRENGTH

OSALAC™

ABS Compounds





Marine

Medical Applications



A Powerful Specialised Compound Made from Acrylonitrile Butadiene Styrene

OSALAC, a specialised compound made from Acrylonitrile Butadiene Styrene (ABS), is an impact-resistant engineering thermoplastic. Composed of acrylonitrile, butadiene, and styrene, ABS offers high rigidity, impact resistance, abrasion resistance, and moderate resistance to certain chemicals. With its versatility, OSALAC is commonly employed in structural applications such as electronic housings, auto parts, consumer products, pipe fittings, and iconic toys like LEGO, demonstrating its reliability and adaptability across various industries.

GENERAL ADVANTAGES

- Boosted Strength and Resilience
- Enhanced Shock Absorption

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
OSALAC 3000	ABS	UF	Unfilled Flame Retardant UV Stabilised	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
OSALAC 303		15% GF	15% GF - Heat Stabilised	↔	↔	↑	↔	↔	↑	↔	↔	↔	↔	↔
OSALAC 304	ABS	20% GF	Heat Stabilised	↔	↔	↑	↔	↑	↔	↔	↔	↔	↑	↑
OSALAC 3107	SAN	35% GF	35% GF UV & Heat Stabilised	↔	↑	↑	↔	↔	↑	↔	↑	↔	↔	↔

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

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