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**Industrial, Aviation,
 Medical Applications**

Data Sheet - RMB Rotational Molding Grade PFA

Physical Properties	Specification	Value	Notes
Specific Gravity	ASTM D792	2.12 – 2.17	
Mechanical Properties			
Tensile at Yield	ASTM D638	15 MPa	
Tensile at Break	ASTM D638	33 MPa	
Elongation at Break	ASTM D638	430%	
Flexural Modulus	ASTM D790	440 MPa	
Shore Hardness	ASTM D2240	D60	
Thermal Properties			
Melt Point	ASTM D3307	305-317°C	DSC Peak
Coefficient of Linear Thermal Expansion			
21°C – 100°C	ASTM D696	1.40E-04	mm/mm/°C
100°C – 149°C	ASTM D696	1.80E-04	mm/mm/°C
Upper Service Temperature		260°C	

Properties data based on injection molded samples in the as molded condition.

Characteristics: RMB Rotational Molding Grade PFA is ideal for fluid handling in the chemical processing industries and can withstand high temperatures. Its enhanced resin purity makes it suitable for use in semiconductor manufacture and fluid handling systems for industry or life sciences.

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