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**Industrial, Aviation,
Medical Applications**

Data Sheet - RMB PVDF 11008-3001 Rotational Molding Grade PVDF

| Physical Properties | Specification | Value | Notes |
|--|---------------|---------------|----------------|
| Specific Gravity | ASTM D792 | 1.78 | |
| Melt Flow Rate | ASTM D1238 | >8 g/10 min. | 230°C, 2.16 kg |
| Mechanical Properties | | | |
| Tensile at Yield | ASTM D638 | 3600 PSI | |
| Tensile at Break | ASTM D638 | 3600 PSI | |
| Elongation at Break | ASTM D638 | 20% | |
| Flexural Modulus | ASTM D790 | 145 KSI | |
| Izod Impact (notched) | ASTM D256 | 2.3 FT-LBS/IN | 0.15" thick |
| Izod Impact (unnotched) | ASTM D256 | No Break | 0.15" thick |
| Thermal Properties | | | |
| Melt Point | ASTM D3418 | 160°C | DSC Peak |
| Glass Transition | ASTM D5023 | -37°C | Tan Δ Peak |
| Coefficient of Linear Thermal Expansion | | | |
| 0°C - 40°C | ASTM E831 | 1.49E-04 | mm/mm/°C |
| 100°C - 140°C | ASTM E831 | 3.64E-04 | mm/mm/°C |

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

Characteristics: RMB PVDF 11008-3001 is a PVDF co-polymer, specifically formulated for rotational molding applications such as fluid tanks. Excellent physical properties, low moisture absorption and excellent chemical resistance combined with ease of processing make RMB PVDF 11008-3001 a cost effective alternative. Conforms to FDA No. 21 CFR 177.2510

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