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***Industrial, Aviation,
Medical Applications***

Data Sheet - RMB PP 3004614 Rotational Molding Grade Polypropylene

Physical Properties	Specification	Value	Notes
Specific Gravity	ASTM D792	0.902	
Melt Flow Rate	ASTM D1238	9 g/10 min.	230°C, 2.16 kg
Mechanical Properties			
Tensile at Yield	ASTM D638	4060 PSI	
Tensile Modulus	ASTM D638	160 KSI	
Elongation at Break	ASTM D638	>700%	
Flexural Modulus	ASTM D790	140 KSI	
Izod Impact (notched)	ASTM D256	1.1 FT-LBS/IN	
Thermal Properties			
Melt Point	ASTM D3418	163°C	DSC Peak
Deflection Temp. Under Load	ASTM D648	90°C	66 PSI Load

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

Characteristics: RMB PP 3004614 is a polypropylene random co-polymer, specifically 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 PP 13R9A a cost effective alternative. Conforms to FDA No. 21 CFR 177.2520(c.) 3.1a and will meet USP Class VI requirements. However, this classification is based on your controlled process as validated by an independent lab on your molded product. RMB does not certify this product to USP Class VI.

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