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**Industrial, Aviation,
 Medical Applications**

Data Sheet - RMB Rotational Lining Grade HDPE

Physical Properties	Specification	Value	Notes
Density	ASTM D1505	0.94 g./cc.	
Mechanical Properties			
Tensile at Break	ASTM D638	1760 PSI	2% Yield
Elongation at Break	ASTM D638	900%	
Flexural Modulus	ASTM D790	71 KSI	1% Secant
Thermal Properties			
Melt Index	ASTM D1238	5.5 g/10 min.	
Heat Distortion Temperature			
@66 PSI	ASTM D648	122°F	
@264 PSI	ASTM D648	97°F	
Upper Service Temperature		180°F	

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

Characteristics: RMB Rotational Lining Grade HDPE is a modified thermoplastic polyethylene-based rotolining resin. It offers exceptional stress crack resistance and excellent adhesion to metals and selected polymers. Typical applications include linings and coatings for pipes, drums, hollow vessels and irregularly shaped parts, and PE provides resistance to a wide range of chemicals and is designed for applications requiring corrosion resistance, insulation or abrasion and impact resistance.

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