

RELENE® UHM2504

High Density (UHMW) Polyethylene

Reliance Industries Limited

Message:

Relene UHM 2504 is a linear Polyethylene resin produced using slurry process. The extremely high molecular weight is ideally suited for products where good abrasion resistance, impact strength, self-lubricating properties, ability to withstand sub-zero temperatures, good chemical resistance and zero water absorption are required.

General Information			
Features	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Impact Resistance		
	Low Temperature Resistant		
	Low to No Water Absorption		
	Self Lubricating		
	Ultra High Molecular Weight		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10141-1982		
	IS 10146-1982		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	0.933	g/cm ³	ASTM D792
Apparent Density	0.45	g/cm ³	ASTM D1895
Additional Information	Nominal Value	Unit	Test Method
RSV	2500	cm ³ /g	ASTM D4020
NOTE			
1.	23°C		

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