

Quadrant EPP Acetron® LSG POM-C, LSG grade, extruded (ISO Data)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

Material Notes:

Within its portfolio of Life Science Grade Engineering Plastic Products - specifically developed for applications in the medical, pharmaceutical and biotechnology industries - Quadrant offers ACETRON® LSG biocompatible engineering plastic POM-C stock shapes for machining with certified ISO 10993 compliance High mechanical strength, stiffness and hardness Excellent resilience Good creep resistance High impact strength, even at low temperatures Very good dimensional stability (low water absorption) Good sliding properties and wear resistance Excellent machinability Good electrical insulating and dielectric properties Physiologically inert (most grades are suitable for food contact) Not self-extinguishing

Order this product through the following link:

http://www.lookpolymers.com/polymer_Quadrant-EPP-Acetron-LSG-POM-C-LSG-grade-extruded-ISO-Data.php

Mechanical Properties	Metric	English	Comments
K Factor (ISO)	45 µm/km	45 µm/km	
Coefficient of Friction, Dynamic	0.30 - 0.45	0.30 - 0.45	

Compliance Properties	Metric	English	Comments
3A-Dairy	No	No	
USP Class VI	No	No	

Chemical Resistance Properties	Metric	English	Comments
Acids, Strong (pH 1-3)	Unacceptable	Unacceptable	
Acids, Weak	Limited	Limited	
Alcohols	Acceptable	Acceptable	
Alkalies, Strong (pH 11-14)	Acceptable	Acceptable	
Alkalies, Weak	Acceptable	Acceptable	
Chlorinated Solvents	Limited	Limited	
Continuous Sunlight	Limited	Limited	
Hot Water / Steam	Limited	Limited	
Hydrocarbons - Aliphatic	Acceptable	Acceptable	
Hydrocarbons - Aromatic	Acceptable	Acceptable	
Inorganic Salt Solutions	Acceptable	Acceptable	

<small>Ketones, Esters</small> Chemical Resistance Properties	<small>Acceptable</small> Metric	<small>Acceptable</small> English	Comments
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