

ISOLOSS® LS-2500

Polyurethane
E-A-R Specialty Composites

Message:

ISOLOSS® LS-2500 is a Polyurethane material. It is available in North America.

Important attributes of ISOLOSS® LS-2500 are:

Chemical Resistant
Corrosion Resistant
Flame Retardant
Good Dimensional Stability
Good UV Resistance

Typical applications include:

Aerospace
Coating Applications
Engineering/Industrial Parts
Foam
Military Applications

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Corrosion Resistance		
	Good Dimensional Stability		
	Good UV Resistance		
	Ozone Resistant		
	Shock Absorbent		
	Vibration Damping		
Uses	Foam		
	Gaskets		
	Laminates		
	Seals		
Agency Ratings	AMS 3568		
	MIL P-1240C		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.399	g/cm ³	ASTM D792
Water Absorption (24 hr)	2.5	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1.38	MPa	ASTM D638
Tensile Elongation (Yield)	120	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method

Tear Strength	4.33	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-52.2	°C	ASTM D746
Thermal Conductivity	0.053	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.3E+11	ohms·cm	ASTM D257
Dielectric Strength	2.4	kV/mm	ASTM D149

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