

ISOLOSS® HD-S

Polyurethane Thermoset Elastomer
E-A-R Specialty Composites

Message:

ISOLOSS® HD-S is a Polyurethane Thermoset Elastomer (TSU) material. It is available in North America.
Important attributes of ISOLOSS® HD-S are:
Flame Rated
Chemical Resistant
Creep Resistant
Crosslinkable
Good Dimensional Stability
Typical applications include:
Automotive
Electrical/Electronic Applications
Engineering/Industrial Parts
Sealing Applications

General Information			
Features	Crosslinkable		
	Good Creep Resistance		
	Good Dimensional Stability		
	Oil Resistant		
	Vibration Damping		
Uses	Automotive Exterior Parts		
	Computer Components		
	Gaskets		
	Seals		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.1	MPa	ASTM D638
Tensile Elongation (Yield)	260	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set (70°C)	2.7	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Glass Transition Temperature	-10.0	°C	ASTM E1356
Flammability	Nominal Value	Test Method	
Flame Rating (1.59 mm)	HB	UL 94	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

