

Diversified Silicone Products, Inc.

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Other Data Sheets Are Available On Our Website
www.diversifiedsilicone.com



SILICONE SHEETING

“DSP70HS” HIGH STRENGTH GRADE 70 Shore “A”

DESCRIPTION:

This premium grade silicone sheeting is used in applications where high strength physical properties are needed. This material has a high tensile strength and very good tear resistance. The ingredients used to make this product are listed in CFR 177.2600. This FDA regulation deals with rubber articles intended for repeated use in contact with food. This material is ozone and UV resistant.

FEATURES:

- Excellent Gasketing Material
- Extreme High & Low Temperature Resistant
- UV / Ozone Resistant
- High Tensile High Tear Resistant
- All FDA approved Ingredients
- Low Compression Set
- Fungus Resistant

SPECIFICATIONS:

ZZR-765 CL3B GR 70
ASTM D2000

PHYSICAL PROPERTIES

PROPERTIES	Test Method	Typical Properties
Specific Gravity, G/CC	ASTM D297	1.21
Durometer, Shore “A”	ASTM D2240	70 +/-5
Tensile Strength, psi	ASTM D412	1200
Elongation, %	ASTM D412	500
Modulus 100%	ASTM D412	240
Modulus 200%	ASTM D412	390
Modulus 300%	ASTM D412	600
Tear, pli Die “B”	ASTM D624	170
Temperature Range	(°F)	-94 to +450

The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.