

SAM-70 Grade

High Consistency Silicone Rubber (HCR)

SAMCO[®]
Silicone Products

PRODUCT DATA

MATERIAL REFERENCE: SAM-70 (Extrusion Grade)

SPECIAL FEATURES:

- Suitable for the productions of extruded articles
- Temperature range from -55 °C to +200 °C
- Good blend of physical properties
- All ingredients listed under: US FDA 21 CFR for food contact packaging*

COLOUR: Available in all colours

*Material will require post curing for 4 hours @ 200 °C before being used in any food contact applications.

SAFETY INFORMATION

Detailed, safety specific information can be obtained from the Material Safety Data Sheets (MSDS), which are available upon request.

PHYSICAL PROPERTIES

TEST	STANDARD	UNITS	TYPICAL VALUES
Hardness	ISO 7619-1	Shore A	70
Density	ISO 2781	g/cm ³	1.18
Tensile Strength	ISO 37	MPa	9.4
Elongation @ Break	ISO 37	%	300
Tear Strength	ASTM D 624 B	kN/m	20.7

TYPICAL CURE CONDITIONS

Press-Cure	6 minutes @ 115 °C
Post-Cure	N/A
Catalyst Type	2,4 DCLBP

This data is obtained from test pieces moulded in the laboratory and are intended as a guide. They should not be used in preparing specifications.