

COMPOUND NUMBER

55914A

Description

Ethylene Propylene (EPDM) 70 Shore A
Black
-55°C to 150°C

Standard compound for use in solvents, alcohols, ketones, and water.

ORIGINAL PHYSICAL PROPERTIES

		Units	Test Method
Tensile Strength	10 to 14	<i>MPa</i>	ASTM D412
Elongation	125 to 250	%	ASTM D412
Hardness	70 ± 5	<i>Shore A</i>	ASTM D2240

SEALING PROPERTIES

	25% Squeeze	Units	Time	Temperature	Test Method
			<i>Hours</i>	<i>°C</i>	
Compression Set	18 to 25	%	22	70	ASTM D395-B

THERMAL PROPERTIES

		Units	Test Method
Low Temperature Resistance	Pass	<i>3 min @ -40°C</i>	ASTM D2137

	Δ Hardness	Δ Tensile	Δ Elongation	Time	Temperature	Test Method
	<i>Pts.</i>	%	%	<i>Hours</i>	<i>°C</i>	
Heat Aging	+10 Max	-25 Max	-25 Max	70	70	ASTM D573

FLUID IMMERSION PROPERTIES

	Δ Volume	Time	Temperature	Test Method
	%	<i>Hours</i>	<i>°C</i>	
Water	+10 Max	70	100	ASTM D471