



O-Ring & Engineered Seals Division
2360 Palumbo Drive
Lexington, KY 40509

Preliminary Technical Data Sheet

Parker Compound: SD140- KIT

Kit contents: SD140-Part A and SD140 Part B.

Mix Ratio: is 1:1 dispensed through a 24-flight static mixing tube. SD140-Part A is blue and SD140-Part B is white

Cure time 20 minutes at 23 °C. Tack free after 10 minutes @ 23 C . Cure time is temperature dependent and can be accelerated by heating.

Compound Description: Cure in Place Gasket material (CIPG)

Typical Data: Listed in the table below: specimens cured 20 minutes @ 23°C

	<u>Test Method</u>	<u>Test Results</u>
<u>Original Physical Properties</u>		<u>SD140-KIT</u>
Hardness, Shore A, pts.	ASTM D2240	44
Tensile Strength, psi, min	ASTM D412	342
Ultimate Elongation, %	ASTM D412	129
Specific Gravity	ASTM D297	1.027
Compression Set		
<u>22 hrs. @ 100 °C</u>		
Percent of Original Deflection, max	ASTM D395 Method B	18.7
25% Squeeze		
Compression Set		
<u>22 hrs. @ 100 °C</u>		
Percent of Original Deflection, max	ASTM D395 Method B	18.7
50% Squeeze		
Compression Set		
<u>70 hrs. @ 40 °C</u>		
Percent of Original Deflection, max	ASTM D395 Method B	10.1
25% Squeeze		

Compression Set		
<u>70 hrs. @ 40 °C</u>		
Percent of Original Deflection, max	ASTM D395 Method B	5.7
50% Squeeze		
Fluid Immersion		
<u>Water, (24 hrs. @ 23°C)</u>		
Volume Change, %	ASTM D471	3.29
<u>Compressive Stress Relaxation</u>		
<u>1000 hr @100 °C , Air, 0.5" button</u>		
Force Retention (%)		
F24		78.2
F168		66.7
F504		49.5
F1008		46.8

Information provided in this TDS is intended to provide typical data on properly cured specimens and is not intended for the purposes of establishing specifications.
Each user should make their own tests to determine the suitability for their own particular use.
Parker offers no express or implied warranties concerning the form, fit , or function of a product in any application.