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 ºC. 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 @ 23ºC

	Test Method	**Test Results**
Original Physical Properties		**SD140-KIT**
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		
22 hrs. @ 100 ºC		
Percent of Original Deflection, max	ASTM D395 Method B	18.7
25% Squeeze		
Compression Set		
22 hrs. @ 100 ºC		
Percent of Original Deflection, max	ASTM D395 Method B	18.7
50% Squeeze		
Compression Set		
70 hrs. @ 40 ºC		
Percent of Original Deflection, max	ASTM D395 Method B	10.1
25% Squeeze		

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