


LABORATORY REPORT ON PLATENS

HUTCHINSON SEAL de MEXICO	Customer DXP ENTERPRISES	Report N° : 2008111305A Edition date : 13/11/2008
	Mat specification ASTM D2000 Specification: M7BG910B14EA14EF11EF Grade : 21EO14EO34F16Z1Z2Z3	Order N° : Part N° : Dimension : HUT code : HUT compound : C67
	Issue N° : Revision date : 01/01/2004	Post :

Characteristic	Unit	Test Method	Specification	C67
* Shore A Hardness	Point	ASTM D 2240	90 ± 5	87
* Tensile strength	MPa	ASTM D 412	Min 10.0	25.0
* Elongation at break Z3	%	ASTM D 412	Min 80	80
* Modulus at 50% Z1	MPa	ASTM D 412	Min. 9.7	14.4
* Compression set 22h at 70°C B14	%	ASTM D 395	Max. 25	3.2
* Compression set 70h at 150°C Z2	%	ASTM D 395	Max. 35	15.2
Low temperature resistance * 3 min at -35°C F16	Visual	ASTM D 2137	Pass	Pass
Heat ageing 70h at 150°C * Hardness change * Tensile strength change * Elongation change	Point % %	ASTM D 573	Max. ± 15 Max. ± 30 Max. -50	3 -0.4 -16.8
After 70h at 100°C in water EA14 * Hardness change * Volume change	Point %	ASTM D 471	Max. ± 10 Max. ± 15	+0.4 +0.4
After 70h at Room temp. Fuel A EF11 * Hardness change * Tensile strength change * Elongation change * Volume change	Point % % %	ASTMD 471	Max. ± 10 Max. -25 Max. -25 -5 to +10	-1 -16 -12 +3.0
After 70h at Room temp. Fuel B EF21 * Hardness change * Tensile strength change * Elongation change * Volume change	Point % % %	ASTM D 471	-30 to 0 Max. -60 Max. -60 0 to +40	-5 -48 -33 22.2
After 70h at 100°C in ASTM 1 EO14 * Hardness change * Tensile strength change * Elongation change * Volume change	Point % % %	ASTMD 471	-5 to +15 Max. -25 Max. -45 -10 to +5	2 -8 -10 -1.6
After 70h at 100°C in IRM 903 EO34 * Hardness change * Tensile strength change * Elongation change * Volume change	Point % % %	ASTM D 471	-10 to +5 Max. -45 Max. -45 0 to +25	-1 -29 -25 +0.9

Comment: HUTCHINSON SEAL compound C67 complies with all requirements of ASTM D2000 M7BG910B14EA14EF11EF21EO14EO34Z1Z2Z3.
HUTCHINSON SEAL compound C67 is a peroxide cured, high modulus NBR. C67 demonstrates excellent extrusion resistance with very low compression set properties. C67 compound is utilized in many oilfield applications where a premium peroxide cure NBR is required.

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