

LABORATORY REPORT ON PLATENS

HUTCHINSON SEAL de MEXICO	Customer DXP ENTERPRISES	Report N° : 2008111401A Edition date : 14/11/2008
	Mat specification	Order N° : Post :
	Specification: ASTM D2000	Part N° :
	Grade : M3HK910A1-10B38EF31E O78Z1Z2Z3	Dimension :
	Issue N° :	HUT code :
	Revision date :	HUT compound : V25
Origin :		

Characteristic	Unit	Test Method	Specification	V25	
* Specific gravity	g/cm ³	ASTM D 792	1.83 – 1.87	1.84	
* Shore A Hardness Z1	Point	ASTM D 2240	95 ± 5	95	
* Tensile strength	MPa	ASTM D 412	Min. 10.0	18.7	
* Elongation at break Z2	%	ASTM D 412	Min. 50.0	76	
* Modulus at 50% of elongation	MPa	ASTM D 412		12.0	
* Compression set 22h at 200°C	%	ASTM D 395	Max. 50	20.2	
Heat ageing 70h at 250C		ASTM D 573			
* Hardness change	Point		Max. +10	+1	
* Tensile strength change	%		Max. -25	-12	
* Elongation at break change	%		Max. -25	-20.4	
Ageing 70h at 23°C in Fuel C		ASTM D 471			
* Hardness change	Point		-5 to +5	+5	
* Tensile strength change	%		Max -25	-10	
* Elongation at break change	%		Max -20	-19.7	
* Volume change	%		0 to +10	+2.5	
Ageing 70h at 200°C in Service Fluid 101		ASTM D 471			
* Hardness change	Point		-15 to +5	-9	
* Tensile strength change	%		Max -40	-2.1	
* Elongation at break change	%		Max -20	-3.2	
* Volume change	%		0 to +15	+8.0	
Low temperature Brittleness Z3		ASTM D 2137			
* 3 min at -18°C	Visual		Pass	Pass	

Comment: HUTCHINSON SEAL compound V25 complies with all tested requirements of ASTM D2000 specification.
HUTCHINSON SEAL compound V25 is an extrusion resistant, low compression set and explosive decompression resistant fluorocarbon developed specifically for HTHP (high temperature high pressure) oilfield applications.

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