

ELABORATION	CONTROL	APPROVAL	CHRONO	DATE
40103510	E.PERRIER-BERANGER	M.CABARDIS	14-027	03/06/2013

TECHNICAL MATERIAL DATA SHEET

Material n°	: B05870A		
Base	: ACM	ASTM D 2000	: M3 DH 708 A26 B36 EO16
Hardness	: 70 Shore A		Z:EB125%

Physical characteristics	Unit	Required	Results
Hardness, +/- 5 Shores A (D 2240)	points	70	75
Tensile strength, min (D 412, Method C)	Psi	1160	1770
Elongation, min (D 412, Method C)	%	125	174
Tear resistance (D 624, Method B)	N/mm		33
Modulus at 100%, min (D 412)	Psi		1261
Specific gravity	g/cm3		1.397

A26 Heat resistance	Unit	Required	Results
Change in hardness (D 865 70h at 150°C)	points	10	6
Change in tensile strength (D 865 70h at 150°C)	%	-25	2
Change in ultimate elongation (D 865 70h at 150°C)	%	-30	-2

B36 Compression set	Unit	Required	Results
(D 395, Method B 22h at 150°C)	%	50	49

EO16 Fluid resistance, IRM 901 Oil	Unit	Required	Results
Change in hardness (D 471 70h at 150°C)	points	-5 to +10	2
Change in tensile strength (D 471 70h at 150°C)	%	-20	9
Change in ultimate elongation (D 471 70h at 150°C)	%	-30	-6
Change in volume (D 471 70h at 150°C)	%	+/-5	-0.8

*The values are based on material slabs & buttons and are given as an indication.
We advise you to do your own tests validation.*