MIXED FILLER OF BAYMAG A MAGNESITE AND PRECIPITATED DERIVATIVE OF DOLOMITE

CIGT CODE	PAPER DESCRIPTION	g/m²	POROSITY	SIZING	% K	PAR[1]
H683	30% Baymag A[2]	45	4.7	9.9% K_3Cit	3.8	-
H807	15% Baymag A + 15% "Dolomite"[3]	49.7	6.0	7.5% K_2Succ	3.0	3
H792	28% "Dolomite"[3] (XPAV)	45	5.7	6.5% K_2Succ	2.6	4

CIGT CODE	%ATT	SBT	E.C.	E.C. x SBT	%E.C. Redn vs. AFK
H683		9.2			58
H807	31.5	9.5	0.38	3.61	53
H792		9.1			60
AFK (high SS)	55.6	8.4	0.81	6.80	
AFL (low SS)	21.3	7.9	0.24	1.90	

[1] PAR = Pete Suiter's Ash Rating [1 = extremely flaky; 5 = extremely firm]

[2] Handsheet prepared by Ecusta.

[3] precipitated derivative of dolomite, prepared by Pfizer.

COMMENT: Use of a mixed filler of Baymag A magnesite and precipitated derivative of dolomite does not appear to improve SS reduction compared to the use of either filler by itself.

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