

QUEBEC METAL POWDERS LIMITED

SPECIFICATION

GRADE: **ATOMET 28**

PROPERTIES	SPECIFICATIONS		METHOD
	Min.	Max.	
Apparent density, (g/cm ³)	2,80	2,90	ISO 3923-1
Flow, (s / 50g)	----	30	ISO 4490
<u>PARTICLE SIZE ANALYSIS, (% BY WEIGHT)</u>			
	<u>U.S. MESH</u>	<u>MICRONS</u>	
	+60	+250	
	-60 +70	-250 +212	----
	-70 +100	-212 +150	----
	-325	-45	15,0
			0,1
			0,2
			12,0
			30,0
			ISO 4497
			ISO 4497
			ISO 4497
			ISO 4497
<u>CHEMICAL ANALYSIS, (% BY WEIGHT)</u>			
Carbon		----	0.10
Oxygen		----	0.25
Sulphur		----	0.014
			ASTM E 1019
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<u>COMPACTING PROPERTIES, (1)</u>			
Green density at 600 MPa, (g/cm ³)	6,90	----	ISO 3927
Green strength at 600 MPa, (MPa)	17,0	----	ISO 3995

(1) Test mix: Fe - 0.75 % Wax

Spec/EV/general/28met.xls

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