

MPE GROUND COFFEE SPECIFICATIONS ANALYSIS

The table below is our analysis and summary of the coffee industry's grinding practices.

Developed as a result of an industry survey in the 1940's. The lower portion is our distillation of current industry standards and reflects a certain adaptation to modern brewing methodology.

The upper chart of the table refers to the CBC (Coffee Brewing Center) historical standards, which were

GRIND	E.P.	REGULAR	ADC	DRIP	FINE	VENDING	"EUROPEAN"		
							COARSE	MEDIUM	FINE
Other Names	Regular	Um	Autodrip Silex	All-Purpose Universal	Silex Food Service	Single Cup Vend	NS	NS	Espresso
Historical CBC Specifications	No(s) 10/14 Sieves	NS	33%	NS	7%	0%	NS	NS	NS
	No(s) 20/28 Sieves	NS	55%	NS	73%	70%	NS	NS	NS
	Pan	NS	12%	NS	20%	30%	NS	NS	NS
	Particle Size (μ) *	NS	1020	NS	840	720	NS	NS	NS
	Avg. Sieve Mesh (Opening)	NS	16 (0.0390")	NS	20 (0.300")	24 (0.278")	NS	NS	NS
	Avg. Particle Dia. (Cells) ‡	NS	26	NS	21	18	NS	NS	NS
	Avg. Particle per gram	NS	1200	NS	2200	3500	NS	NS	NS
	Exposed Granule Area (CM ²)	NS	46	NS	57	67	NS	NS	NS
Actual North American Coffee Industry Norms	No (s) 10/14 Sieves	35%	27%	17%	8%	2%	N/A	N/A	N/A
	No (s) 20/28 Sieves	42%	60%	65%	65%	62%	10%	48%	22%
	No. 35 Sieves	N/A	N/A	N/A	N/A	N/A	35%	58%	65%
	No. 48 Sieves	N/A	N/A	N/A	N/A	N/A	35%		
	Pan	13%	13%	18%	27%	36%	20%	52%	20%
	Particle Size (μ) *	1050	925	825	775	645	400	600	480
	Avg. Sieve Mesh (Opening)	16 (0.0390")	18 (0.0360")	20 (0.0328")	22 (0.0300")	26 (0.0242")	40 (0.0165")	28 (0.0232")	32 (0.0195")
	Avg. Particle Size (Cells) ‡	26	23	21	19	16	10	15	12
	Avg. Particle per gram	1,100	1,600	2,300	2,800	4,800	20,000	6,000	12,000
	Exposed Granule Area (Cm ²)	45	50	58	62	74	118	80	102

Notes: All sieve mesh sizes refer to Tyler screens.

* μ = Micron = 0.001 mm
‡ 40 Micron per Cell

NS No Specification
N/A Not Applicable (screen not used)

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