

# PARTICLE SIZE DISTRIBUTION



Type		D10	D50	D95	Magnetic Property Decrease			Part number Suffix
					Br (mT)	Hci (kA/m)	(BH)max (kJ/m³)	
MQP™	-40 mesh	65	160	340	---	---	---	-070
	-60 mesh	50	115	180	1	0	0	-080
	-80 mesh	45	100	150	3	0	1	-085
	-120 mesh	40	75	100	4	0-5	2	-083
	-150 mesh	35	65	85	5	0-5	2	-086
MQFP	D50=25µm	---	25	50	12 - 20	10	2 - 5	-088
	D50=5µm	---	5	10	25 - 45	15	10 - 16	-089

- Notes:
1. The powder particle size of MQP™ is determined by passing the powders through the respective mesh screen. The mesh number stands for the number of openings per inch of the screen. E.g. A 40 mesh screen has 40 openings per inch of the screen.
  2. Magnetic properties decrease as powder is milled to finer sizes. The table shows the difference compared to standard -40mesh powder
  3. The data is applicable for all standard MQP™ grades

**All MQP™ powders can be made in any of the particle size options**  
*MQP™-(Powder Type)-(Part number)-(Part number Suffix)*

