

Features of MQ Powders

Group	Power Type	Product Feature
Standard	MQP-A	<ol style="list-style-type: none"> 1.The earliest developed powder 2.With very high coercivity 3.Suitable for applications requiring strong resistance to demagnetization
	MQP-B	<ol style="list-style-type: none"> 1.Lower Re content than MQP-A and added with little Co 2.Higher flux and lower coercivity than product of MQP-A with easier magnetization 3.Can be used in many applications such as computer electronics, power tools & office equipment
	MQP-B2	<ol style="list-style-type: none"> 1.Lower Co content and lower cost than MQP-B powder 2.Almost the same performance as MQP-B powder
	MQP-B3	<ol style="list-style-type: none"> 1.It balances magnetic values combined with superior aging characteristics 2.Co free composition with optimized cost 3.It is well suited for almost all applications
	MQP-13-9	<ol style="list-style-type: none"> 1.First powder designed for lower flux and cheaper cost application
	MQP-13-9R1	<ol style="list-style-type: none"> 1.Lower cost than MQP-13-9 but equivalent magnetic performance 2.Better anti corrosion performance than MQP-13-9 3.The second most popular powder, primarily used for making spindle motor and stepper motor
	MQP-13-9R2	<ol style="list-style-type: none"> 1.With equivalent property of MQP-13-9 but lower cost 2.Ideal powder of magnet for cost sensitive ferrite replacement applications such as CPU cooling fans, box fans and other similar applications
High Cobalt Content	MQP-C	<ol style="list-style-type: none"> 1.With Co content about 15% and offers high curie temperature and high coercivity 2.Suitable for being used in application involving elevated operating temperature for example automobile
	MQP-D	<ol style="list-style-type: none"> 1.With Co content about 15% and high resistance of demagnetization 2.Good balance of property and primarily designed for application requiring high curie temperature 3.Suitable for application of requiring better elevated temperature property than MQP-B
High Flux	MQP-B+	<ol style="list-style-type: none"> 1.The highest performing magnetic powder of the inventor till now 2.Suitable for application of MQP-B powder made magnet but requiring greater flux density such as certain automotive application.
	MQP-B2+	<ol style="list-style-type: none"> 1.With comparable performance as MQP-B+ but lower cost due to minimum amount of Co content 2.Suitable for making high performance magnet and their application such as power seat motor and smaller sized HDD
	MQP-15-7	<ol style="list-style-type: none"> 1.Higher flux density than MQP-B, but easier for magnetization 2.Suitable for applications involving precision multipolar magnetization or need for larger air
	MQP-15-7A	<ol style="list-style-type: none"> 1.A cost optimized alternative to MQP-15-7 powder 2.With high residual inductance (Br) and intrinsic coercivity suitable for making certain types of micor motors such as stepper motors
	MQP-16-7	<ol style="list-style-type: none"> 1.With the highest flux density in current bonded NdFeB power family 2.Suitable for application of MQP-15-7 powder made magnet but slightly lower resistance to demagnetization can be accepted
	MQP-16-7A	<ol style="list-style-type: none"> 1.A cost optimized alternative to MQP-15-7 powder with Co free composition 2.Suitable for replacing ferrite magnet in making ODD spindle motor, stepping motor and many diverse applications
High Temperature & Corrosion Resistant	MQP-O	<ol style="list-style-type: none"> 1.Stronger coercivity than MQP-B 2.Exhibits significantly lower long-term flux aging loss at elevated temperature 3.Suitable for application of using in higher temperature environment
	MQP-14-12	<ol style="list-style-type: none"> 1.With higher remanence and energy density than MQP-O 2.The best choice for meeting requirement of both high magnetic flux & high temperature 3.Suitable for making magnets of automotive motors and sensors