

标乐(Buehler)热镶嵌(样)消耗品采购指南

标乐美国出品-

COMPRESSION MOUNTING COMPOUNDS

| Material | Description | Color | Part Number | Color | Size |
|--|--|---|----------------------------|----------------|----------------------------------|
| PhenoCure®  | <ul style="list-style-type: none"> Wood-flour filled phenolic thermoset resin recommended for general metallurgy Provides good edge retention and moderate shrinkage Most economical choice |  | 20-3200-080 | Black | 5 lbs [2.3kg] |
| | | | 20-3100-400 | Black | 25 lbs [11.3kg] |
| | |  | 20-3200-080 | Red | 5 lbs [2.3kg] |
| | | | 20-3200-400 | Red | 25 lbs [11.3kg] |
| PhenoCure® Premolds (500 pack)  | <ul style="list-style-type: none"> Preformed PhenoCure® wood-filled phenolic thermoset resin recommended for general metallurgy Simply place premold over specimen in mold cylinder. Premold flows around specimen during mounting cycle. Reduces mess and saves time |  | 20-3111-501 | Black | 1in [25mm] |
| | | | 20-3112-501 | Black | 1.25in [32mm] |
| | | | 20-3113-501 | Black | 1.5in [38mm] |
| | | | 20-10090 | Black | 2in [50mm] |
| Diallyl Phthalate  | <ul style="list-style-type: none"> Filled thermoset resin recommended for mounting moderately hard materials - Glass filled is recommended for etching - Mineral (TiO₂) filled is harder than glass filled Provides good edge retention Available in blue |  | 20-3330-080 | Blue | 5 lbs [2.3kg] Mineral |
| | | | 20-3340-080 | Blue | 5 lbs [2.3kg] Glass |
| EpoMet®  | <ul style="list-style-type: none"> Mineral (SiO₂) filled epoxy thermoset recommended for: <ul style="list-style-type: none"> - Preserving edge information - Mounting very hard materials Provides excellent edge retention & available in two particle sizes <ul style="list-style-type: none"> - Granular (G): Larger particles create the best quality mounts in everyday metallography - Fine (F): Smaller particles flow into fine features in specimens with complex geometries |  | 20-3381-070 | Black F | 4 lbs [1.8kg] |
| | | | 20-3381-160 | Black F | 10 lbs [4.5kg] |
| | | | 20-3381-400 | Black F | 25 lbs [11.3kg] |
| | | | 20-3380-064 | Black G | 4 lbs [1.8kg] |
| | | | 20-3380-160 | Black G | 10 lbs [4.5kg] |
| | | | 20-3380-400 | Black G | 25 lbs [11.3kg] |
| ProbeMet®  | <ul style="list-style-type: none"> Copper (Cu) and Mineral (SiO₂) filled epoxy thermoset Conductive material with good edge retention Use in SEM analysis when copper is not of interest Can cause a Cu-Al galvanic couple on Aluminum (Al) specimens |  | 20-3385-064 | Copper | 4 lbs [1.8kg] |
| KonductoMet®  | <ul style="list-style-type: none"> Graphite and Mineral (SiO₂) filled phenolic thermoset recommended for SEM analysis of specimens when carbon is not the object of the analysis Moderate edge retention and harder than ProbeMet® |  | 20-3375-016 20-3375-400 | Black Black | 1 lb [0.45kg] 25 lbs [11.3kg] |
| TransOptic™  | <ul style="list-style-type: none"> Thermoplastic acrylic recommended for general metallurgy when transparency of the mount is useful Easily extract specimens from mount by reheating mount Softer than other compression mounting compounds Requires special cooling cycle (available on SimpliMet® 3000) |  | 20-3400-080 | Clear | 5 lbs [2.3kg] |

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