

Alchemix® Epoxy Casting Resins
For Toolmaking, RIM Tools etc

Alchemix Code	EP 420	EP 424 + S	EP 425 +S	EP 426 +S	EP 490	EP 483	EP 502 + H15
Colour	Grey	Grey	Grey	Grey	White	White	Clear
Mix Ratio By weight	100:5	100:6	100:10	100:6	100:25 H91 100:12.5 H92	100:15	100:18
Mixed Viscosity, cPs	350 000	32 000	2000-4000	5000	6000-8000	45 000	1500
Pot Life, mins (1 kg) @ 20°C	70-90	30-50 90-120 (s)	120 150-180 (s)	120 180 (s)	120 H91 20 H92	35	150
Demould Time, Hrs	12-24	12-24	12-16	12-24	24 H91 8-12 H92	12-24	24
Shore Hardness	90	87	90	85	85	85	85
Flexural Strength, MPa	80-90	60-70	90-100	75			70-80
Compressive Strength, MPa	150-160	120-140	140	125			
Density, g/ml	3.0-3.5	1.7	1.5	1.5-1.6	1.4	1.5	1.10
H.D.T, °C	90-95	80	160	80	90	65	90-95