

# ELECTRO INSULATING RESINS / SYSTEMS

Selection Chart		Description			Type of Resin			Recommended Application							
Product	Colour	Mixed Viscosity at 25°C in mPa.s	Filler	Polyurethane Ambient Temperature Curing	Epoxy Ambient Temperature Curing	Epoxy Heat Curing	Polyester Ambient Temperature Curing	PCB Encapsulation	Electronic Components	Transformers	Switchgear	Core/Coil Impregnation	Armature Winding	Ballasts/ Lighting	Mechanical Protection
Rigid	ELI-CAST 453	Shore D 80 - 85	Electro Brown	3000-3500	Filled	★				★	★	★	★		★
Semi-Flexible	ELI-CAST FR 612/D/B	Shore D 70 - 75	Brown	800-900	Unfilled	★				★	★				★
Semi-Flexible	ELI-CAST FR 974/C1	Shore D 70 - 75	Cream	3000-3200	Filled	★				★	★	★			★
Semi-Rigid	ELI-CAST FR 974/F1 Flame Retardant	Shore D 70 - 75	Red Oxide	1900-2000	Filled	★				★	★	★			★
Semi-Flexible	ELI-CAST FR 537	Shore D 70 - 75	Black	2500-3500	Filled	★				★					
Flexible	ELI-DUR FR 962	Shore A 40 - 45	Pink-Red	1000-1200	Unfilled	★				★	★				
Flexible	ELI-DUR FR 766 Moisture Insensitive	Shore A 60 - 45	Black	3000-3500	Unfilled	★				★	★				
Flexible	ELI-DUR FR 976/D	Shore A 70 - 75	Clear Transparent	450-500	Unfilled	★				★	★				
Flexible	ELI-DUR FR 707/F Re-enterable	Shore A 40 - 45	Semi Transparent	500-600	Unfilled	★				★	★				
Semi Re-enterable	ELI-DUR FR 707/H Flame Retardant/FVO	Shore A 40 - 45	Light Brown	6000-7000	Filled	★				★	★	★			★
Rigid	ELI-CAST FR 476	Shore D 80 - 85	Electro Brown	6000-6500	Filled		★				★	★		★	★
Rigid	ELI-CAST FR 480	Shore D 80 - 85	Black	1200-1400	Filled		★			★	★				★
Rigid	ELI-CAST FR 676	Shore D 65 - 75	Clear Transparent	1300-1400	Unfilled		★			★	★				★
Rigid	ELI-CAST FR 852/A Flame Retardant	Shore D 55 - 60	Clear Transparent	950-1000	Unfilled		★			★	★				★
Rigid	ELI-CAST FR 859/A Flame Retardant	Shore D 80 - 85	Blue	5000-6000	Filled		★			★	★				★
Rigid	ELI-CAST FR 979 2Hr / 150°C + 2Hr / 175°C	Shore D 80 - 85	Transparent	6000-7000	Unfilled			★				★	★		
Rigid	ELI-CAST FR 1006	Shore D 80 - 85	Blue	800-900	Filled			★			★				★
Rigid	ELI-CAST FR 476/D	Shore D 80 - 85	Brown	6000-8000	Filled			★			★				★
Rigid	ELI-CAST FR 999/A	Shore D 75 - 80	Blue	600-700	Unfilled			★			★				★
Semi-Flexible	ELI-CAST FR 675	Shore D 65 - 70	Transparent	50-60" (Ford Cup 4)	Unfilled				★						★
Non-Hardening	ELI-CAST FR 953/C	Putty	Black	Putty	Filled						★			★	