

**PROVIDING RESIN AND POLYMER MANUFACTURERS  
A PERFORMANCE EDGE**

**MONOMER BENEFITS**

**Molded Composites**

Unsaturated Polyesters

- Higher operating temperature
- Faster Cycle Time
- Longer flow in mold
- Better pigment wetting
- Better additive compatibility
- Thicker laminates without cracking
- Less crack crazing
- Better surface finish
- Less shrinkage
- Decrease SMC/BMC dry-out
- Less mold scum
- Reduce worker exposure
- Lower emissions
- Low HAPS
- Thermal stability
- UV stability
- Moisture resistant
- High temperature performance
- Acid and alkali resistant

**Coatings**

Acrylic and High Solid Modified Alkyds Aerosol -  
Intumescent - Masonry - Metal  
Wood Sanding Sealer

- High solids
- Solubility in low odor aliphatics
- Low HAPS
- Alkali and acid resistance
- Improved UV resistance
- Intumescent
- Good adhesion to difficult substrates
- Recoatability
- Water resistant
- Stain blocking
- Fast drying
- High gloss

### **Insulating Varnishes**

#### Unsaturated Polyesters

- Reactive diluent
- 100% solids systems
- Reduce defects-lower volatile reactive diluent
- Improved thermal stability
- Lower curing shrinkage
- Lower water absorption
- Reduced worker exposure
- Lower emissions
- Low HAPS
- Higher dielectric constant

### **Adhesive Tackifiers**

#### Hotmelts - Hydrocarbon Resins

#### Tapes and Labels

- Thermal stability
- UV stability
- Moisture resistant
- High temperature performance
- Acid and alkali resistant

### **Functional Polymers**

#### Beads - Films - Materials - Styrenic Copolymers

- Polymer blocks resistant to chemical reaction
- Optical properties
- Absorbency of broad spectrum of organic chemicals

### **DVB CROSS-LINKER BENEFITS**

#### **Molded Composites**

- Faster molding cure time
- Improved interlaminar strength
- Reduces or eliminates blistering
- Improves surface gloss
- Reduces shrinkage

#### **Functional Polymers**

- Reduces polymer swelling
- Increases polymer strength
- Improves water retention