### POLYESTER ACRYLATE

<table>
<thead>
<tr>
<th>GRADE</th>
<th>FEATURES</th>
<th>APPLICATIONS</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>viscosity</td>
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<td></td>
<td></td>
<td></td>
<td>mPa.s</td>
</tr>
</tbody>
</table>
| SP 220 | - acid modified polyester acrylate with TPGDA  
- good adhesion on glass and plastic  
- good intercoat adhesion  
- light color | - substrates: metal, plastic, paper  
- laminating adhesives; paper:LDPE:PP, paper:aluminum:LDPE  
- screen ink vehicles with good intercoat adhesion  
- primer coating on metal | 40,000  
as 25°  
2 max | 1.20 | 35 | 60 | TPGDA 40 |
| SP 224 | acid modified polyester acrylate with HDDA  
- good adhesion on glass and plastic  
- good intercoat adhesion  
- light color | - substrates: metal, plastic, paper  
- laminating adhesives; paper:LDPE:PP, paper:aluminum:LDPE  
- screen ink vehicles with good intercoat adhesion  
- primer coating on metal | 70,000  
as 25°  
2 max | 1.23 | 42 | 70 | HDDA 30 |
| SP 236 | - chlorinated polyester acrylate with TMPTA  
- good adhesion to metal, plastics and paper  
- excellent wet lithographic behavior  
- good pigment wetting | - substrates: metal, plastic, paper  
- adhesion promoter for coatings and inks  
- wet lithographic inks and coatings | 2,600  
as 60°  
5 max | 1.20 | 25 | 60 | TMPTA 40 |
| SP 236L | - chlorinated polyester acrylate with TMPTA  
- good adhesion to metal, plastics and paper  
- excellent wet lithographic behavior  
- good pigment wetting | - substrates: metal, plastic, paper  
- adhesion promoter for coatings and inks  
- wet lithographic inks and coatings | 1,500  
as 60°  
5 max | 1.20 | 25 | 60 | TMPTA 40 |
| SP 238 | - chlorinated polyester acrylate with GPTA  
- good adhesion to metal, plastics and paper  
- excellent wet lithographic behavior  
- good pigment wetting | - substrates: metal, plastic, paper  
- adhesion promoter for coatings and inks  
- wet lithographic inks and coatings | 1,500  
as 60°  
5 max | 1.18 | 25 | 60 | GPTA 40 |
| SP 260 | multi-functional polyester acrylate  
- good adhesion to metal, plastics and paper  
- good heat resistance  
- fast curing and good hardness | - substrates: metal, plastic, paper  
- top coating for vacuum metalizing  
- wet lithographic inks and coatings | 10,000  
as 25°  
5 max | 1.15 | 20 | 95 | TMPTA 5 |
| SP 270 | - carboxylated polyester acrylate  
- low odor  
- low shrinkage  
- excellent adhesion on metal (copper)  
- acid functionality | - substrates: for PCB  
- especially metal and glass  
- alkali-strippable etch resist coating  
- adhesion promoter | 1,500  
as 25°  
3 max | 1.24 | 200 | 100 | - |
| SP 271 | - carboxylated polyester acrylate  
- low odor  
- low shrinkage  
- acid functionality | - substrates: for PCB  
- especially metal and glass  
- alkali-strippable etch resist coating  
- adhesion promoter | 14,000  
as 25°  
3 max | 1.24 | 180 | 100 | - |
## POLYESTER ACRYLATE

### FEATURES

<table>
<thead>
<tr>
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<th>FEATURES</th>
<th>APPLICATIONS</th>
</tr>
</thead>
</table>
| SP 277 | - carboxylated polyester acrylate  
- low odor  
- low shrinkage  
- excellent adhesion on metal (copper)  
- acid functionality | - substrates: for PCB especially metal and glass  
- alkali-tribrable etch resist coating  
- adhesion promoter | | SPECIFICATIONS |
| | | viscosity | color | density | acid value | polymersolid % | monomer % |
| | | mPa.s | Gardner | g/cm³ | mgKOH/g | by weight | by weight |
| SP 277 | 6,500 | 3 max | 1.19 | 200 | 100 | - |
| | 3,000 | 2 max | 1.11 | - | 100 | - |
| | 3,000 | 2 max | 1.07 | - | 100 | - |
| | 1,500 | 3 max | 1.14 | - | 100 | - |
| | 2,250 | 3 max | 1.15 | - | 100 | - |

### APPLICATIONS

- substrates: for PCB especially metal and glass  
- alkali-tribrable etch resist coating  
- adhesion promoter

### SPECIFICATIONS

- carboxylated polyester acrylate - substrates: for PCB especially metal and glass - low odor especially metal and glass - low shrinkage - alkali-tribrable etch resist coating - adhesion promoter

- low viscosity multifunctional polyester acrylate - high gloss - light color - good solvent resistance - fast curing - good pigment wetting - low odor - substrates: wood, plastic, paper - clear coating, high gloss coating, top coat for wood - flexographic inks, screen inks and coating - wood filler

- amine modified multifunctional polyether acrylate - high gloss - light color - low residual odor - fast curing - low odor - substrates: wood, plastic, paper - clear coating, high gloss coating, top coat for wood - flexographic inks, screen inks and coating - wood filler

- amine modified multifunctional polyether acrylate - high gloss - light color - low residual odor - fast curing - low odor - substrates: wood, plastic, paper - clear coating, high gloss coating, top coat for wood - flexographic inks, screen inks and coating - wood filler

- self UV initiation prepolymer - no residual odor after curing - non yellowing & excellent weatherability - substrates: paper, plastics, wood and metal - plastic coating: PVC floor, ABS, PC, etc - food package, DPV is required no odor - use between 5~10% of the total formulation