



SOLVENT BASED RESIN

TUNASCRYL ACRYLIC

| TUNASCRYL PRODUCT CODE | SOLVENT | SPECIFICATION | | | | | | PERFORMANCE | APPLICATION |
|------------------------------|------------------------|--------------------------|---------------------------------|--|----------------------------|-----------------|------------|---|---|
| | | Solids Content (%) | Acid Value mg KOH/g (max) | Viscosity (25°C) Pra Tube No. | Colour Gardner (max) | OH Value (%) | Tg (°C) | | |
| THERMOPLASTIC ACRYLIC | | | | | | | | | |
| 110-50 | Xylene | 50 ± 1 | 10 – 13 | 37.5% 12 – 14 | 1 | - | 66 | Fast dry, good weather resistance, flexible, good hardness | Air drying for general coating |
| 111-50 | BA/ Toluene | 50 ± 1 | 2 – 6 | 50% 8 – 10 | 1 | - | 40 | Fast dry, good gloss, good hardness, good gasoline resistance, good weather resistance | Aerosol paint |
| 112-50 | Xylene | 50 ± 1 | max 10 | 50% 13 – 14 | 1 | - | 73 | Good wetting properties, high gloss, good hardness, good adhesion | Air drying refinish & varnish, decorative paint |
| 113-50 | Xylene/ Pegasol 100 | 50 ± 1 | 7 – 11 | 50% 14 – 16 | 1 | - | 39 | Good exterior durability, high gloss, good flexibility, good adhesion on wet substrate | Roof and wall paint |
| 114-50 | Xylene | 50 ± 1 | 7 – 10 | 40% 13 – 15 | 1 | - | - | Good exterior durability, high gloss, good flexibility, good adhesion | Wall, roof & concrete coating, |
| 116-50 | Xylene | 50 ± 1 | 4 – 8 | 40% 15 – 16 | 1 | - | - | Good exterior durability, high gloss, good flexibility, good adhesion | Wall, roof & concrete coating, |
| 130-45 | Toluene/ n-Butanol | 45 ± 1 | 4 - 8 | 45% 11 – 13 | 1 | - | - | Excellent adhesion, fast drying, gloss, hardness, good chemical resistance | Metal coating |
| 140-50 | Toluene/ IBA | 50 ± 1 | max 4 | 50% 16 – 18 | 1 | - | 72 | Excellent adhesion, excellent gasoline resistance, good alcohol resistance, good weather resistance | Plastic coating (ABS, HIPS, PC) |



TUNASCERYL ACRYLIC (Cont.)

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|-------------------------------|----------------|--------------------------|---------------------------------|--|----------------------------|-----------------|------------------------|---|-----------------------------------|
| | | Solids Content (%) | Acid Value mg KOH/g (max) | Viscosity (25°C) Pra Tube No. | Colour Gardner (max) | OH Value (%) | T _g (°C) | | |
| ACRYLIC POLYOL | | | | | | | | | |
| 151-60 | BA/ Xylene | 60 ± 1 | 8 – 12 | 60% 16 – 18 | 1 | 2.2 | - | High gloss, good adhesion, good weather resistance, good alkali resistance | PU for metal, wood and plastic |
| 160-50 | BA/ Xylene | 50 ± 1 | 8 – 11 | 50% 11 – 12 | 1 | 3.3 | 68 | Good flexibility, adhesion, good gloss, good weather resistance, good alcohol resistance | PU varnish for wood and metal |
| 161-50 | BA/ Xylene | 50 ± 1 | max 10 | 50% 15 – 16 | 1 | 2.0 | 78 | Fast setting, hard, good adhesion, good compatibility with NC, CAB, and Polyisocyanate | PU varnish for wood |
| 180-50 | Xylene/ PMA | 50 ± 1 | max 10 | 50% 13 – 15 | 1 | 4.0 | 70 | High gloss, good film build, good weather resistance | PU varnish for plastic, metal |