

Extrusion ABS, POLYLAC[®] PA-747S A01(Ceramic white)

Typical Characteristics

| Properties | Test Method | Test Condition | Unit | PA-747S A01 |
|-----------------------------------|-------------------|------------------------------|---|-------------------|
| Tensile Strength | ASTM D638 | 1/8", 6 mm/min | Kg/cm ² (lb/in ²) | 385 (5470) |
| Tensile Elongation | ASTM D638 | 1/8", 6 mm/min | % | 40 |
| Flexural Strength | ASTM D790 | 1/4", 2.8 mm/min | Kg/cm ² (lb/in ²) | 620 (8800) |
| Flexural Modulus | ASTM D790 | 1/4", 2.8 mm/min | Kg/cm ² (lb/in ²) | 21000 (300000) |
| Izod Impact Strength (Notched) | ASTM D256 | 1/4", 23 ^o C | Kg-cm/cm (ft-lb/in) | 35 (6.6) |
| | | 1/8", 23 ^o C | Kg-cm/cm (ft-lb/in) | 40 (7.5) |
| Melt Flow Index | ASTM D1238 | 200 ^o C, 5Kg | g/10min | 0.5 |
| Hardness | ASTM D785 | 1/2" | R Scale | 102 |
| Specific Gravity | ASTM D792 | 23 ^o C | - | 1.03 |
| Vicat Softening Temp H.D.T | ASTM D1525 | 1/8", 50 ^o C /hr | ^o C (^o F) | 103 (217) |
| | | 1/4", 120 ^o C /hr | ^o C (^o F) | 97 (206) |
| Flammability | UL 94 | - | - | 1/16"HB |
| L a b | CHI MEI Method | CIE Lab | | 91.4 |
| | | | | -0.4 |
| | | | | 0.5 |
| Delta E | CHI MEI Method | | | <1 |

Notes : These are typical properties only and are not to be construed as specifications.
Users should confirm results by their own tests

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