

TECHNICAL DATA SHEET

Shuman Compound:

PC/ABS Alloy 310 Utility Black, 380 Grey, 330 White (formerly 705)

Offers this combination of properties:

Good impact strength, Easy processability, Good chemical resistance

TYPICAL PROPERTIES

MECHANICAL PROPERTIES

| | <u>VALUE</u> | <u>UNITS</u> | <u>TEST METHODS</u> |
|---|---------------------|--------------|---------------------|
| Izod Impact Strength (Notched, 1/8" Thick Specimen) | 9 (+/-1.5) | FT-LBS/IN | ASTM D-256 |
| Flex Modulus | 350,000 (+/-30,000) | PSI | ASTM D-790 |
| Tensile Strength | 7000 (+/-1000) | PSI | ASTM D-638 |

OTHER PROPERTIES

| | | | |
|------------------|----------|------------|-------------|
| Specific Gravity | 1.13 | | ASTM D-792 |
| Melt Flow Rate | 5 (+/-3) | GM/10 MIN. | ASTM D-1238 |

SUGGESTED PROCESSING CONDITIONS

DRYING CONDITIONS:

| | <u>TEMPERATURE (deg. F)</u> | | <u>TIME (HOURS)</u> | |
|---------------------|-----------------------------|-------------|---------------------|-------------|
| | <u>MIN.</u> | <u>MAX.</u> | <u>MIN.</u> | <u>MAX.</u> |
| Dehumidifying Dryer | 175 | 230 | 3 | 4 |

TEMPERATURE CONDITIONS:

460-530F

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