

## TECHNICAL DATA SHEET

### Shuman Compound:

Polypropylene Homopolymer 510 Utility Black

### Offers this combination of properties:

Excellent chemical resistance, Excellent processability

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## TYPICAL PROPERTIES

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### MECHANICAL PROPERTIES

Izod Impact Strength (Notched, 1/8" Thick Specimen)  
Tensile Strength

### VALUE

.6-1.0  
4472

### UNITS

FT-LBS/IN  
PSI

### TEST METHODS

ASTM D-256  
ASTM D-638

### THERMAL PROPERTIES

Heat Deflection Temperature @ 264 PSI  
Vicat Softening Temperature

122  
299

deg. F  
deg. F

ASTM D-648  
ASTM D-1525

### OTHER PROPERTIES

Specific Gravity  
Melt Flow Rate

.9  
5 (+/-2)  
10 (+/-2)  
15 (+/-2)  
20 (+/-2)

GM/10 MIN.  
GM/10 MIN.  
GM/10 MIN.  
GM/10 MIN.

ASTM D-792  
ASTM D-1238

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## SUGGESTED PROCESSING CONDITIONS

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### TEMPERATURE CONDITIONS:

370-420F

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