

## TECHNICAL DATA SHEET

### Shuman Compound:

Polypropylene Random Copolymer 502 Utility Black

#### Offers this combination of properties:

Good impact strength, Excellent chemical resistance, Excellent processability, Good resistance to fatigue from flexing

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### TYPICAL PROPERTIES

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#### MECHANICAL PROPERTIES

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

#### VALUE

1.2 min.  
4057

#### UNITS

FT-LBS/IN  
PSI

#### TEST METHODS

ASTM D-256  
ASTM D-638

#### THERMAL PROPERTIES

Heat Deflection Temperature @ 264 PSI  
Vicat Softening Temperature

117  
300

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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